APPENDIX H

SOILS AND SOIL GAS INVESTIGATIONS

PREPARED BY
ERLER & KALINOWSKI, INC.

TABLE 2
SUMMARY OF SOIL RESULTS FOR PESTICIDES, HERBICIDES, LEAD AND ARSENIC
1250 Lakeside Drive, Sunnyvale, California

Abbreviations:
<0.50 - Compound not detected at or above indicated laboratory detection limit
CHHSL - California Human Health Screening Level (California EPA, dated January 2005, Table 2--California Human Health Screening Levels for Indoor Air and Soil Gas)
ESLs - RWQCB Environmental Screening Levels, Residential Shallow Soil less than 3 meters, and non-drinking water
ft. bgs - feet below ground surface
mg/kg - Milligrams per kilogram
na - Not Applicable or Not Available
ND - Not Detected
PRG - US EPA Region IX Preliminary Remediation Goals for Soil at Residential Sites, October 2004

Notes:
(a) The CHHSL and PRG values for arsenic are less then typical background concentrations in soil (e.g., less than 10 mg/kg). The detected arsenic concentrations at the site are at background levels.

Soil and Soil Gas Investigation Report

1250 Lakeside Drive
Sunnyvale, California

June 2005

Prepared for:

Sunnyvale Operating Partners LTD

Prepared by:

Erler & Kalinowski, Inc.
Burlingame, California
(EKI A40033.01)

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June 10, 2005

Ms. Susan Schmidt
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New York, New York 10036

SUBJECT: Soil and Soil Gas Investigation Report, 1250 Lakeside Drive Development, Sunnyvale, California
(EKI A40033.01)

Dear Ms. Schmidt:

Erler & Kalinowski, Inc. ("EKI") is pleased to present this report summarizing the soil and soil gas investigation activities at the 1250 Lakeside Drive Development ("Subject Property"), located at the current Four Points Sheraton in Sunnyvale, California. This work has been conducted by EKI in general accordance with our consulting services agreement with Sunnyvale Operating Partners LTD ("Client"), dated 11 August 2004, EKI's *Work Authorization No. 1*, dated 17 February 2005, and EKI's *Work Authorization No. 2*, dated 8 April 2005 (collectively, the "Agreement"). Tasks completed by EKI include the review of selected environmental documents to identify potential issues associated with the Client's planned redevelopment of the Subject Property, and the collection and analysis of soil and soil gas samples. Analytical data from these sampling activities are presented herein.

If you have any questions, please do not hesitate to call.

Very truly yours,

ERLER & KALINOWSKI, INC.

Michelle K. King Ph.D.
Vice President

Soil and Soil Gas Investigation Report
1250 Lakeside Drive Development
Sunnyvale, California

Soil and Soil Gas Investigation Report
1250 Lakeside Drive Development
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TABLES

FIGURES

APPENDICES

1.0 EXECUTIVE SUMMARY

On behalf of Sunnyvale Operating Partners LTD, Erler & Kalinowski, Inc. ("EKI") reviewed selected environmental documents and identified potential issues associated with the redevelopment of 1250 Lakeside Drive in Sunnyvale, California ("Subject Property"). Based on the findings of the document review, EKI implemented a soil gas and soil investigation to evaluate the following:

- Are volatile organic compounds ("VOCs") in the nearby National Semiconductor Corporation ("NSC") and Advanced Microdevices ("AMD") groundwater plumes present at concentrations on the Subject Property that could result in a significant risk to future residents from vapor intrusion of VOCs into indoor air?

- Are pesticides and herbicides present in soil at concentrations that exceed residential soil screening levels?

EKI implemented the soil gas and initial soil investigation in March 2005. EKI performed a follow-up soil investigation in April 2005. The key findings from the soil and soil gas investigations are as follows:

1. Soil Gas: Several compounds were detected in the shallow soil gas samples, including petroleum-related compounds toluene and xylenes, Freon 113, chloroform, and chlorobenzene (see Table 2). Trichloroethene ("TCE"), the primary compound of concern at the NSC and AMD plumes, was not detected above laboratory reporting limits. The source of the detected chemicals is not known. All of the concentrations detected were significantly below the Regional Water Quality Control Board, San Francisco Bay Region ("RWQCB") Environmental Screening Levels ("ESLs") (RWQCB, 2005) and the California Environmental Protection Agency ("Cal-EPA") California Human Health Screening ("CHHSLs") (CAL/EPA, 2005) for soil gas at residential sites.

2. Herbicides in Shallow Soil: No herbicides were detected in any of the soil samples.

3. Pesticides in Shallow Soil: DDT and its breakdown products (DDE and DDD) and chlordane were detected in shallow soil (see Table 1). In the March 2005 sampling event, only one soil sample, SB-2, contained chlordane at a concentration of 1.27 mg/kg, which exceeds the residential ESL for soil of 0.44 mg/kg. All other pesticide concentrations, including DDT and its breakdown products, were below residential ESLs for soil. No pesticides were detected above the laboratory reporting limits in the deeper soil sample from the location of elevated chlordane concentration (i.e., location SB-2). Chlordane was commonly used for the control of termites, cockroaches, and other such insects, so chlordane concentrations could be attributed to hotel use or historical agricultural uses.

   In the April 2005 follow-up investigation, chlordane concentrations in a composite soil sample from the area surrounding SB-2 were 0.084 mg/kg, which is below the

residential soil ESL for chlordane (0.44 mg/kg). Composite sample SBC-16, 17, 18 contained chlordane at 0.89 mg/kg, which exceeds the residential soil ESL for chlordane. This composite sample included three samples collected from the planters along the south side of the auxiliary hotel buildings.

Based on these findings, the individual samples that comprised sample SBC-16, 17, 18 were analyzed for pesticides. Chlordane, DDD, and DDE were detected in samples SB-16 and SB-17, but the concentrations were below residential soil ESLs. Sample SB-18 contained chlordane at 2.55 mg/kg, which exceeds the residential soil ESL.

4. Lead and Arsenic in Shallow Soil: Arsenic was present at background concentrations in all soil samples. Lead was generally present at background levels, except at one location. The elevated concentration of lead (71.9 mg/kg) is less than residential soil ESL of 150 mg/kg.

2.0 INTRODUCTION

Erler & Kalinowski, Inc. ("EKI") is pleased to present this report summarizing our review of selected documents to identify potential issues associated with the redevelopment of 1250 Lakeside Drive in Sunnyvale, California ("Subject Property") (Figure 1). Based on the findings of the document review, EKI implemented a soil gas and soil investigation. This report was prepared in general accordance with EKI's consulting services agreement with Sunnyvale Operating Partners LTD ("Client"), dated 11 August 2004, EKI's *Work Authorization No. 1*, dated 17 February 2005, and EKI's *Work Authorization No. 2*, dated 8 April 2005 (collectively, the "Agreement").

EKI understands that the Client plans to redevelop the eastern portion of the Subject Property into condominiums and the western portion of the Subject property into a hotel and conference center. The current layout of the proposed buildings are shown on Figure 2. No basements or subgrade parking are planned for the redevelopment. The Subject Property, sited adjacent to Highway 101, has been used as a hotel since approximately 1980. Prior to that time, the land was vacant or used for agricultural purposes. The Subject Property is also located at the northern boundary of an area where chemical impacts to groundwater have occurred primarily as a result of chemical releases from National Semiconductor Corporation ("NSC") and Advanced Microdevices ("AMD"). Based on the findings of the document review, EKI implemented a soil and soil gas investigation to evaluate the following:

- Are volatile organic compounds ("VOCs") in the nearby NSC and AMD groundwater plumes present at concentrations on the Subject Property that could result in a significant risk to future residents from vapor intrusion of VOCs into indoor air?

- Are pesticides and herbicides present in soil at concentrations that exceed residential soil screening levels?

The following background section summarizes the findings from EKI's document review. Sections 4 through 6 describe the soil gas and soil investigation performed by EKI on behalf of the Client.

3.0 BACKGROUND

The Phase I Assessment for the Subject Property prepared on behalf of Sunnyvale Operating Partners LTD in 1997 (MG, 1997) ("Phase I Report") did not identify any significant historical chemical use on the Subject Property. However, the Phase I Report indicates that the Subject Property was used for agricultural purposes prior to the construction of the existing hotel. Historical applications of pesticides and herbicides may have occurred when the Subject Property was used for agricultural purposes. In

addition, review of reports at the RWQCB (SECOR, 2001) indicates that the Subject Property is located at the northern boundary of the area designated by the RWQCB as Operable Unit 1 (Appendix A, Attachment A). OU1 has been identified by the RWQCB as the area where chemical impacts to groundwater have occurred primarily as a result of chemical releases from NSC and AMD. The primary chemicals of concern identified in groundwater within OU1 are VOCs, which were used as solvents in semiconductor manufacturing processes. The most prevalent chemical of concern detected in groundwater within OU1 is trichloroethene ("TCE"). The Subject Property is located at the very northern (i.e., downgradient) boundary of OU1, where chemical concentrations in groundwater are the lowest.

Groundwater Levels and Chemical Data

Multiple groundwater aquifer zones exist beneath OU1 and the Subject Property. The first groundwater aquifer zone (i.e., closest to the ground surface) has been identified as the A-aquifer zone and is located between approximately 7 and 20 feet below ground surface ("bgs"). Other deeper aquifer zones also exist beneath OU1 and the Subject Property. These aquifer zones have been designated by NSC as the B1, B2, and B3 aquifer zones. Data presented by NSC indicates that only the A- and B1-aquifer zones (i.e., the zone located immediately below the A-aquifer) have been impacted by chemicals of concern in the vicinity of the Subject Property. The B1-aquifer zone is located approximately 20 to 40 feet bgs in the vicinity of the Subject Property. Information regarding water levels and chemical impacts to groundwater within these aquifer zones is presented below. It should be noted that water levels and chemical impacts within the A-aquifer zone, versus the deeper B1-aquifer zone, are more relevant to redevelopment issues on the Subject Property, particularly in regard to any construction-related issues and volatilization of chemicals into indoor air.

A-Aquifer Zone

Water levels

No A-aquifer zone groundwater monitoring wells exist at the Subject Property, therefore, the actual depth to groundwater beneath the Subject Property in the aquifer zone is unknown. Review of water levels collected by NSC in groundwater monitoring wells located in the vicinity of the Subject Property indicate that water levels in this aquifer likely range between 6 and 12 feet bgs at the Subject Property. However, additional data would be needed in order more accurately assess groundwater levels in the A-aquifer zone beneath the Subject Property.

Chemical Concentrations in Groundwater

Chemical concentration maps of the A-aquifer zone presented by NSC in its 2000 and 2003 annual reports are presented on Figure 5 of Appendix A, Attachment B and Figure 6 of Appendix A, Attachment C, respectively. These figures indicate that chemicals in groundwater within the A-aquifer zone do not extend below the Subject Property. However, no groundwater monitoring wells or groundwater chemical data have been

collected from the A-aquifer zone at the Subject Property and concentrations of up to approximately 100 micrograms per liter ("ug/l") of total VOCs have historically been detected in wells located immediately west of the Subject Property (i.e., across Lakeside Drive)[1]. Available data indicate that VOC concentrations in A-zone groundwater in the vicinity of the Subject property are likely very low.

If VOCs are present in groundwater within the A-aquifer zone beneath the Subject Property, volatilization of such chemicals into indoor air can occur. The RWQCB ESLs for chemicals in groundwater are used to assess the potential for chemicals present in groundwater to lead to concerns regarding volatilization into indoor air. These ESL levels are, among other things, based upon (a) an assumed depth to groundwater of approximately 10 feet below the base of the building floor, and (b) current toxicity factors /standards for chemicals of concern. The current ESL for TCE in groundwater is 530 ug/l,[2] which is well above TCE concentrations detected in the A-aquifer zone (i.e., 30 to 40 ug/l) in the vicinity of the Subject Property. Therefore, these ESLs indicate that VOCs identified in groundwater in the vicinity of the Subject Property should not be a concern with regard to volatilization into indoor air under current toxicity criteria.

In 2001, the U.S. EPA issued a draft provisional slope factor for TCE (U.S. EPA, 2001), which, if accurate, would indicate that TCE may be more carcinogenic than estimated based on the slope factor currently accepted by the RWQCB and used in the derivation of the ESLs. However, the validity of this draft provisional slope factor is currently in dispute and it is unclear if will be adopted in the future. If the RWQCB's ESLs are recalculated based on EPA's provisional slope factor for TCE, the ESL for TCE would be approximately 10 ug/l. Given that such levels are present in the vicinity of the Subject Property, additional data and analysis would be needed to assess if volatilization of TCE in groundwater would be an issue under the draft provisional slope factor. To evaluate the potential for vapor intrusion into indoor air on the Subject Property, EKI implemented a soil gas investigation, and the results of this investigation are presented in Section 5.2.

B1-Aquifer Zone

This aquifer zone is located between approximately 20 to 40 feet bgs in the vicinity of the Subject Property. Three NSC B1-aquifer zone wells appear to be located on the eastern portion of Subject Property. One of these wells (i.e., 127B1) appears to be a groundwater

[1] Total VOCs in Well 66A ranged between approximately 10 and 60 ug/l between 1984 and 1989 (HLA, 1993). Total VOCs in Well 65A ranged up to approximately 100 ug/l between 1984 and 1993 (HLA, 1993). TCE and cis-1,2-dichloroethene concentrations detected in this well were 36 ug/l and 81 ug/l in 1995/1996 (HLA, 1995 RI Addendum). For well locations see Figure 5 in Appendix A, Attachment B.

[2] RWQCB provides ESLs for vapor intrusion for both "high permeability" and "low/moderate permeability" soils. The lower (i.e., more conservative) "high permeability" soils ESLs are preferred for screening assessments and are discussed in this report.

extraction well, which is connected to the NSC groundwater extraction and treatment system (Figure 7 in Appendix A, Attachment C).

Water Levels

Groundwater in the B1-Aquifer zone is confined (i.e., under pressure) and water levels in wells within this aquifer zone extend up to approximately 6 feet bgs on the Subject Property. However, it should be recognized that groundwater within this aquifer zone is not present above the top of this zone, which is located approximately 20 to 25 feet bgs. Groundwater within this zone will rise to 6 feet bgs if a deep excavation, well, or other conduit extends below (i.e., punctures) the top of the aquifer (i.e., which is located approximately 20 to 25 feet bgs in the vicinity of the property).

Chemical Concentrations in Groundwater

TCE concentrations in wells in the B-1 aquifer zone on the northeastern portion of the Subject Property recently ranged up to approximately 10 ug/l. No current data exist for the B1-aquifer zone groundwater on the western portion of the Subject Property, but elevated levels of VOCs have historically been detected in groundwater in this area (i.e., 120 ug/l), particularly west of Lakeside Drive where concentrations of TCE were detected up to 1,500 ug/l in one grab groundwater sample (see Figure 7 in Appendix A, Attachment C).

Given the depth of this aquifer zone, the potential presence of chemicals in groundwater within this aquifer zone should not directly impact the proposed development unless foundations or other structures are constructed into this zone as part of the redevelopment.

4.0 SOIL AND SOIL GAS INVESTIGATION ACTIVITIES

Based on the findings from the document review summarized above, EKI performed soil and soil gas investigation activities at the Subject Property. The soil and soil gas investigations were implemented (a) to assess whether VOCs are present in shallow soil gas on the Subject Property at levels that exceed the current RWQCB ESLs for soil gas at residential sites and the adjusted ESL based on the provisional TCE slope factor, and (b) to evaluate whether pesticides, herbicides, arsenic, and lead are present on the Subject Property at levels that exceed residential ESLs for shallow soil. Soil and soil gas investigation activities conducted during March and April 2005 included the following:

(a) hand augering at 21 soil boring locations;
(b) collecting soil samples and composite samples at soil boring locations;
(c) collecting shallow soil gas samples from six locations; and
(d) surveying of the March 2005 soil boring and soil gas locations (see Figure 2).

Brief descriptions of these activities are presented below. Descriptions of field methods and procedures are presented in Appendix B *Field Methods and Procedures for Soil, and Soil Gas Sampling.*

4.1 Field Sampling Summary

In March 2005 and April 2005, EKI performed soil and soil gas investigations at the Subject Property, which consisted of the collection of selected soil and soil gas samples. The sampling locations were selected on the basis of existing site features and the redevelopment plans provided by Millennium's architect, The Steinberg Group, on 7 February 2005. A summary of the field sampling activities and dates of sampling is presented below. The approximate soil and soil gas sample locations are shown on Figure 2.

- 10 March 2005: Retained Precision Sampling Inc. to install six soil gas sampling points and hand auger six soil borings. Soil samples were collected at the six locations from 0.5 to 1 ft bgs and 2.5 to 3 ft bgs. Soil gas samples were collected at the six locations from 5 ft bgs. Each soil gas sampling point was removed immediately after sampling.

- 20 April 2005: Based on the findings from the 10 March 2005 investigation, 15 additional soil samples were collected from 0 to 0.5 ft bgs. The 15 soil samples were combined to create 5 composite samples.

A more detailed discussion of these field sampling activities is presented in Section 4.3, below.

4.2 Activities Conducted Prior to Field Sampling

Prior to the collection of subsurface samples, the following preliminary tasks were implemented:

- EKI contacted Underground Services Alert ("USA") and retained a private underground utility locating company (Subdynamic Locating Service) to investigate for buried utilities at the proposed drilling locations;

- EKI arranged for State of California-licensed drilling contractor Precision Sampling Inc. to perform the March 2005 soil and soil gas sampling activities;

- EKI arranged for a State of California-licensed surveyor to survey selected property corners and the completed sample locations from 10 March 2005;

- EKI arranged for K Prime Inc. analytical laboratory in Santa Rosa, California ("K Prime") to provide sampling containers and soil gas sampling apparatus, and to perform the analysis of soil and soil gas samples; and

- EKI prepared a Site-specific Health and Safety Plan for EKI personnel.

4.3 Implementation of Field Sampling

Detailed descriptions of the field methods and procedures (e.g., protocols for soil sampling, groundwater sampling, and soil gas sampling) utilized as part of this soil and soil gas investigation are described in Appendix B. This section describes the field sampling activities conducted by EKI in March 2005 and April 2005. Figure 2 shows the approximate soil and soil gas sample locations.

4.3.1 Collection of Soil Samples

On 10 March 2005, EKI collected a total of twelve (12) soil samples, from six hand-augered boreholes across the Subject Property (locations SB-1 through SB-6 on Figure 2) for analysis of:

- chlorinated pesticides, EPA method 3550/8081;
- chlorinated herbicides, EPA method 8151A;
- arsenic, EPA method 3050/6020A; and
- lead, EPA method 3050/6020A

Soil samples were collected at the six (6) locations at two (2) discrete depths, 0.5 to 1 ft bgs and 2.5 to 3 ft bgs. The shallow samples (0.5 to 1 ft bgs) were analyzed by K Prime, while the deeper samples (2.5 to 3 ft bgs) were placed on hold pending the results of the shallow samples. The shallow soil sample from location SB-2 contained elevated levels of chlordane, so the deeper soil sample (SB-2, 2.5 to 3 ft bgs) was analyzed for chlorinated pesticides only.

Based on the elevated chlordane level in the shallow soil sample at location SB-2, EKI performed additional soil sampling on 20 April 2005. EKI chose the locations for the additional soil samples based on the previous chlordane detection in soil, the location of proposed residences, and the location of current landscaped areas. The additional soil samples were collected from 0 to 0.5 ft bgs. Samples were collected from 15 locations (SB-7 through SB-21). The 15 soil samples were combined to create 5 composite samples that were analyzed by K Prime for chlorinated pesticides. The 15 discrete samples were placed on hold pending the results of the composite soil samples.

4.3.2 Collection of Soil Gas Samples

On 10 March 2005, soil gas samples were collected at locations throughout the subject property (locations SG-1 through SG-6 on Figure 2). The sample locations were located in the vicinity of planned future residences. Seven (7) soil gas samples were collected at 5 ft bgs at six (6) locations, with a duplicate sample collected at location SG-1. Soil gas sample collection was consistent with the joint Department of Toxic Substances Control ("DTSC") and Regional Water Quality Control Board, Los Angeles Region ("LARWQCB") guidance, entitled *Advisory—Active Soil Gas Investigations* and dated 28 January 2003 (see Appendix B). Soil gas samples were collected in Summa™ canisters provided by K Prime. The soil gas samples were submitted to K-Prime for analysis for VOCs using U.S. EPA Method TO-15. The analytical results for the soil gas samples are presented in Section 5.2 of this report.

4.3.3 Collection of Investigation Derived Waste Samples

On 20 April 2005, samples were collected from the soil and soil gas investigation derived waste ("IDW"). The solid waste includes two (2) 5-gallon buckets of soil cuttings from the soil borings and the soil gas sample borings and one bag containing personal protective equipment. The liquid waste includes two (2) 5-gallon buckets that contain decontamination water. The composite soil and wastewater samples were both analyzed for chlorinated pesticides and Title 22 metals. Millennium is planning to retain Clearwater Environmental Management Inc. of Union City, California to arrange for off-site disposal of the IDW.

5.0 ANALYTICAL RESULTS FOR SOIL AND SOIL GAS SAMPLES

This section discusses the analytical results of the soil and soil gas samples collected on 10 March 2005 and 20 April 2005. The analytical results for the soil and soil gas samples are presented in Tables 1 and 2 respectively. Copies of the analytical data reports provided by the laboratory are included in Appendix C.

5.1 Analytical Results for Soil Samples

5.1.1 Initial Soil Investigation

On 10 March 2005 twelve (12) soil samples were collected from six (6) boreholes SB-1 through SB-6 (see Figure 2). Each surficial sample from 0.5 to 1 ft bgs was analyzed by K Prime for chlorinated herbicides, chlorinated pesticides, arsenic, and lead. The analytical results for the soil samples are summarized in Table 1 and below.

Chlorinated Herbicides:

No chlorinated herbicides were detected above laboratory reporting limits in soil samples collected from the Subject Property.

Chlorinated Pesticides:

DDT and its breakdown products (DDE and DDD) were detected in 13 of the 14 soil samples at a maximum concentration of .207 mg/kg, which is below the residential soil ESL of 1.6 mg/kg for DDE and DDT, and 2.3 mg/kg for DDD. Chlordane was detected at a maximum concentration of 1.27 mg/kg in the shallow soil sample from location SB-2 (see Figure 3). This concentration is above the residential ESL for chlordane in soil (0.44 mg/kg). Chlordane was either not detected or was below the ESL in the remaining soil samples. Given the elevated chlordane detection in soil sample SB-2, the deeper sample (2.5 to 3 ft bgs) was also analyzed for chlorinated pesticides. Chlordane was not detected above the laboratory reporting limit of 0.05 mg/kg in soil sample SB-2 (2.5 to 3 ft bgs). Given the presence of chlordane above the residential soil ESL, EKI performed an additional investigation of shallow soil in the vicinity of the planned residential units on the Subject Property.

Arsenic and Lead:

Arsenic was present at or below background concentrations in all soil samples (see Table 1). Lead was generally present at background levels, except in one soil sample, SB 6. The lead concentration in sample SB-6, (71.9 mg/kg), is less than the residential soil ESL for lead of 150 mg/kg.

5.1.2 Additional Soil Investigation

On 20 April 2005, EKI performed an additional investigation of shallow soil to further assess the presence of chlordane in the vicinity of the future residential units on the Subject Property. Shallow soil samples from 0 to 0.5 ft bgs were collected from 15 locations in planters and landscaping on the Subject Property (see Figure 2). Five (5) composite samples SBC-7, 8, 9 through SBC-19, 20, 21 were created from the 15 discrete samples. The composite samples were analyzed by K Prime for chlorinated pesticides. The discrete samples were placed on hold. Chlordane concentrations were below the residential ESL in all of the composite soil samples, except sample SBC-16, 17, 18. Sample SBC-16, 17, 18 contained chlordane at 0.89 mg/kg, which exceeds the residential soil ESL. Based on the chlordane detection in sample SBC-16, 17, 18, discrete samples SB-16, SB-17, and SB-18 were analyzed for chlorinated pesticides. The results of the additional analyses showed that sample location SB-18 was the source of elevated chlordane in the composite with a concentration of 2.55 mg/kg. Chlordane, DDD, and DDE were also detected in samples SB-16 and SB-17, but the concentrations in these samples were below residential soil ESLs.

5.2 Analytical Results for Soil Gas Samples

On 10 March 2005 soil gas sampling was conducted at six (6) locations at 5 ft bgs (see Figure 2). A duplicate sample was collected at location SG-1. The soil gas samples were collected in Summa™ canisters and were analyzed by K Prime for VOCs using U.S. EPA Method TO-15. Analytical results for the soil gas samples are shown in Table 2. Several compounds were detected in the shallow soil gas samples, including petroleum-related compounds toluene and xylenes, Freon 113, chloroform, and chlorobenzene (see Table 2). All of the detected concentrations were below the RWQCB ESLs, and the Cal-EPA CHHSLs for residential soil gas, indicating that the measured soil gas concentrations are not likely to pose a significant human health risk to residents at the redeveloped Subject Property.

Trichloroethene:

Trichloroethene ("TCE"), the primary chemical of concern with the NSC plume, was not detected in soil gas above the laboratory reporting limit of 5.37 $\mu g/m^3$. The residential ESL for TCE in shallow soil gas is 1,200 $\mu g/m^3$. If the state of California adopts the provisional EPA slope factor for TCE, the adjusted ESL would be 21 $\mu g/m^3$. The laboratory reporting limit of 5.37 $\mu g/m$ is below this value, therefore TCE is not expected to pose a health risk at the subject property.

6.0 CONCLUSIONS

EKI's review of related environmental documents identified VOCs in groundwater and possible historic agricultural activities at the Subject Property as potential environmental concerns regarding the redevelopment of the Subject Property. The soil and soil gas investigation performed by EKI in March and April 2005 showed that although TCE may be present in groundwater at or near the Subject Property due to the neighboring NSC plume, TCE was not detected in shallow soil gas. Other VOCs that were detected in soil gas are present below residential soil gas ESLs, suggesting there should be no significant adverse health risks due to chemicals volatilizing from groundwater to future residents after redevelopment. Herbicides were not detected in soil samples from the Subject Property, and of the pesticides detected at the Subject Property, only chlordane was found above residential soil ESLs in two out of 14 analyses.[3] Chlordane detections on the Subject Property are likely the result of legal applications from either historical agricultural uses or hotel uses. Chlordane was commonly used before the early 1980's for the removal of termites, cockroaches, and other such insects. Overall, chlordane

[3]Composite sample SBC-16, 17, 18 is not included in the total number of analyses because the results of the analysis of discrete samples SB-16, SB-17, SB-18 supersedes the results of the composite sample.

concentrations in soil above residential ESLs do not appear to be widespread across the Subject Property. Site grading during redevelopment could result in the mixing of soil such that resultant site-wide chlordane concentrations might be below residential the ESL for chlordane in soil.

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TABLES

TABLE 1
SUMMARY OF SOIL RESULTS FOR PESTICIDES, HERBICIDES, LEAD AND ARSENIC
1250 Lakeside Drive, Sunnyvale, California

Sample Location	Sample Date	Sample Depth (ft. bgs)	Pesticides Analytical Results (mg/kg)				Herbicides (mg/kg)	Metals (mg/kg)	
			Chlordane, Total	DDD	DDE	DDT	Herbicides	Arsenic	Lead
SB-1	3/10/2005	0.5 - 1	0.148	<0.01	0.0249	<0.01	--	<2.5	9.87
SB-2	3/10/2005	0.5 - 1	**1.27**	0.0341	0.135	0.0173	--	**2.53**	8.37
SB-3	3/10/2005	0.5 - 1	<0.05	<0.01	0.0214	<0.01	--	**2.65**	11
SB-3	3/10/2005	2.5 - 3	<0.05	<0.01	<0.01	<0.01	--	--	--
SB-4	3/10/2005	0.5 - 1	<0.05	<0.01	0.0594	<0.01	--	<2.5	8.44
SB-5	3/10/2005	0.5 - 1	<0.05	0.0243	0.111	<0.01	--	<2.5	8.59
SB-6	3/10/2005	0.5 - 1	<0.05	0.0174	0.0625	<0.01	--	**3.41**	71.9
SBC-7,8,9	4/20/2005	0 - 0.5	0.0838	0.0141	0.0515	<0.01	--	--	--
SBC-10,11,12	4/20/2005	0 - 0.5	<0.05	<0.01	0.0187	<0.01	--	--	--
SBC-13,14,15	4/20/2005	0 - 0.5	0.201	0.0237	0.167	<0.01	--	--	--
SBC-16,17,18	4/20/2005	0 - 0.5	**0.887**	0.0471	0.207	<0.01	--	--	--
SBC-19,20,21	4/20/2005	0 - 0.5	0.106	0.0186	0.0939	<0.01	--	--	--
SB-16	4/20/2005	0 - 0.5	0.19	0.03	0.16	<0.01	--	--	--
SB-17	4/20/2005	0 - 0.5	0.15	0.03	0.20	<0.01	--	--	--
SB-18	4/20/2005	0 - 0.5	**2.55**	0.07	0.17	<0.01	--	--	--
CHHSL for Residential Soil			**0.43**	**2.3**	**1.6**	**1.6**	**na**	**0.07**	**150**
ESLs for Residential Soil			**0.44**	**2.3**	**1.6**	**1.6**	**na**	**5.5**	**150**
PRGs for Residential Soil			**1.6**	**2.4**	**1.7**	**1.7**	**na**	**0.39**	**400**
Cal Modified PRGs for Residential Soil			**na**	**na**	**na**	**na**	**na**	**0.06**	**150**

Abbreviations:
<0.50 - Compound not detected at or above indicated laboratory detection limit
CHHSL - California Human Health Screening Level (California EPA, dated January 2005, Table 2--California Human Health Screening Levels for Indoor Air and Soil Gas)
ESLs - RWQCB Environmental Screening Levels, Residential Shallow Soil less than 3 meters, and non-drinking
ft. bgs - feet below ground surface
mg/kg - Milligrams per kilogram
na - Not Applicable or Not Available
ND - Not Detected
PRG - US EPA Region IX Preliminary Remediation Goals for Soil at Residential Sites, October 2004

Notes:
(a) The CHHSL and PRG values for arsenic are less then typical background concentrations in soil (e.g., less than 10 mg/kg). The detected arsenic concentrations at the site are at background levels.

TABLE 2
SUMMARY OF SOIL GAS RESULTS FOR VOLATILE ORGANIC COMPOUNDS
1250 Lakeside Drive, Sunnyvale, California

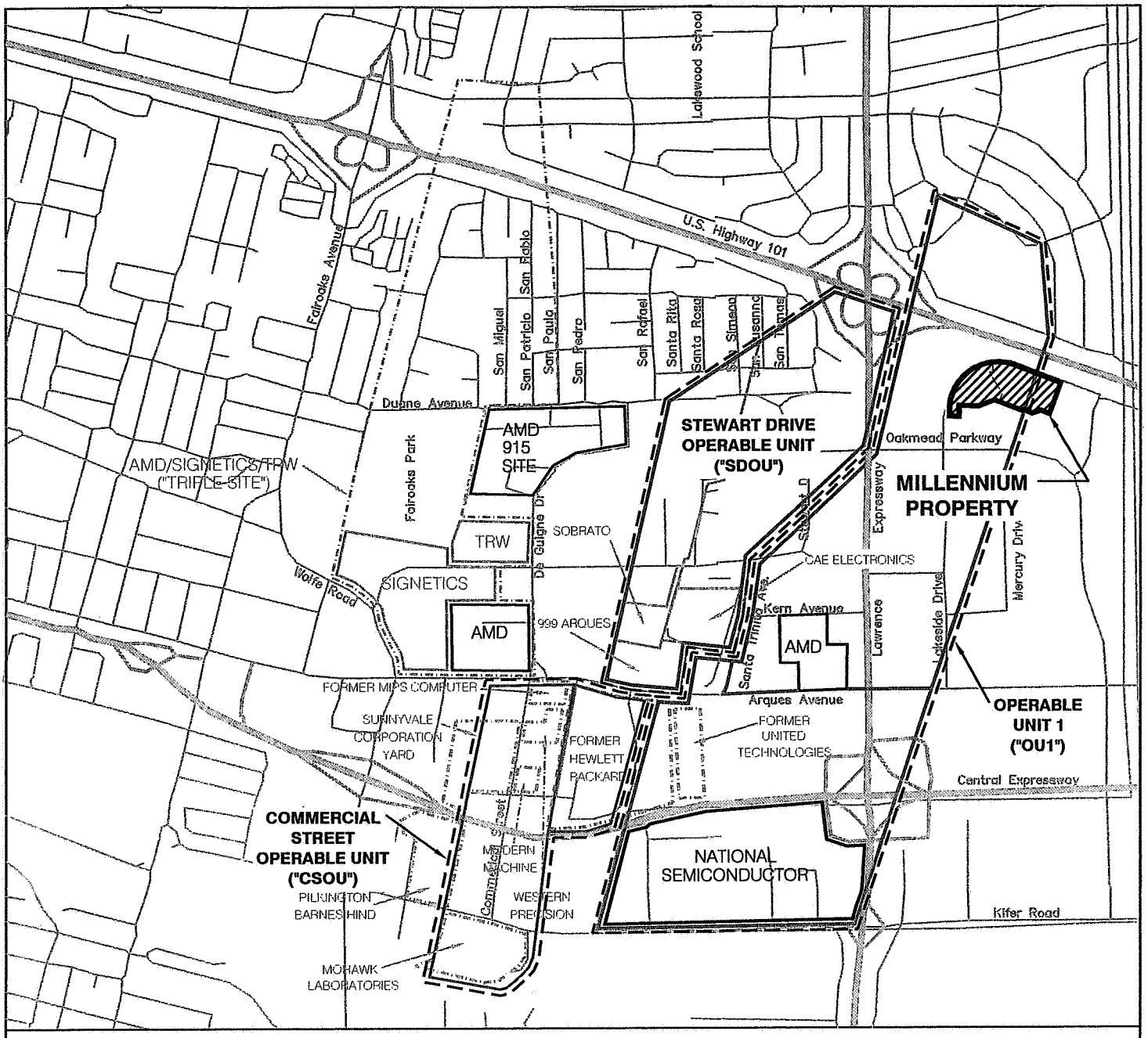
Sample Location	Sample ID	Sample Date	Sample Depth (ft. bgs)	Analytical Results (µg/m3)						
				Benzene	Chlorobenzene	Chloroform	Toluene	Trichloroethene	Trichlorotrifluoroethane	Xylenes, m & p
SG-1	SG-1-031005	3/10/05	5	<3.19	<4.6	<4.88	7.16	<5.37	285	<4.34
SG-1	SG-7-031005	3/10/05	5	<3.19	<4.6	<4.88	4.97	<5.37	304	<4.34
SG-2	SG-2-031005	3/10/05	5	<3.19	<4.6	19.9	4.82	<5.37	10.3	7.86
SG-3	SG-3-031005	3/10/05	5	5.49	<4.6	<4.88	11.8	<5.37	<7.66	6.17
SG-4	SG-4-031005	3/10/05	5	<3.19	<4.6	<4.88	10	<5.37	<7.66	5.34
SG-5	SG-5-031005	3/10/05	5	4.25	20.4	<4.88	10.1	<5.37	<7.66	5.73
SG-6	SG-6-031005	3/10/05	5	<3.19	<4.6	<4.88	5.35	<5.37	328	<4.34
CHHSL for Residential Soil Gas				**36.2**	**na**	**na**	**135,000**	**528**	**na**	**315,000**
ESLs for Residential Shallow Soil Gas				**85**	**12,000**	**450**	**63,000**	**1,200**	**na**	**150,000**
Modified PRGs for Soil Gas (a)				**280**	**69,000**	**92**	**440,000**	**19**	**34,000,000**	**120,000**
Cal Modified PRGs for Soil Gas (a)				**na**	**na**	**390**	**na**	**1,100**	**na**	**na**

TABLE 2
SUMMARY OF SOIL GAS RESULTS FOR VOLATILE ORGANIC COMPOUNDS
1250 Lakeside Drive, Sunnyvale, California

Abbreviations:
<0.50 - Compound not detected at or above indicated laboratory detection limit
µg/m3 - micrograms per cubic meter
CHHSL - California Human Health Screening Level (California EPA, dated January 2005, Table 2--California Human Health Screening Levels for Indoor Air and Soil Gas)
ESL - Environmental Screening Level (California Regional Water Quality Control Board, Region 2, Interim Final, dated February 2005, Table E-3--Indoor Air Screening Levels)
ft. bgs - feet below ground surface
na - Not Available
PRG - US EPA Region IX Preliminary Remediation Goals for Ambient Air, October 2004

Notes:
(a) The Modified PRG for Soil Gas was calculated by dividing the Ambient Air PRG by an attenuation factor of 0.0009 for future residential slab-on-grade sites, consistent with the Department of Toxic Substances Control Vapor Intrusion guidance, entitled Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air, Interim Final and dated 7 February 2005. Modified PRGs were rounded to two significant figures.

FIGURES



LEGEND

---- Operable Unit Boundary

——— Location of Subject Property

Note:

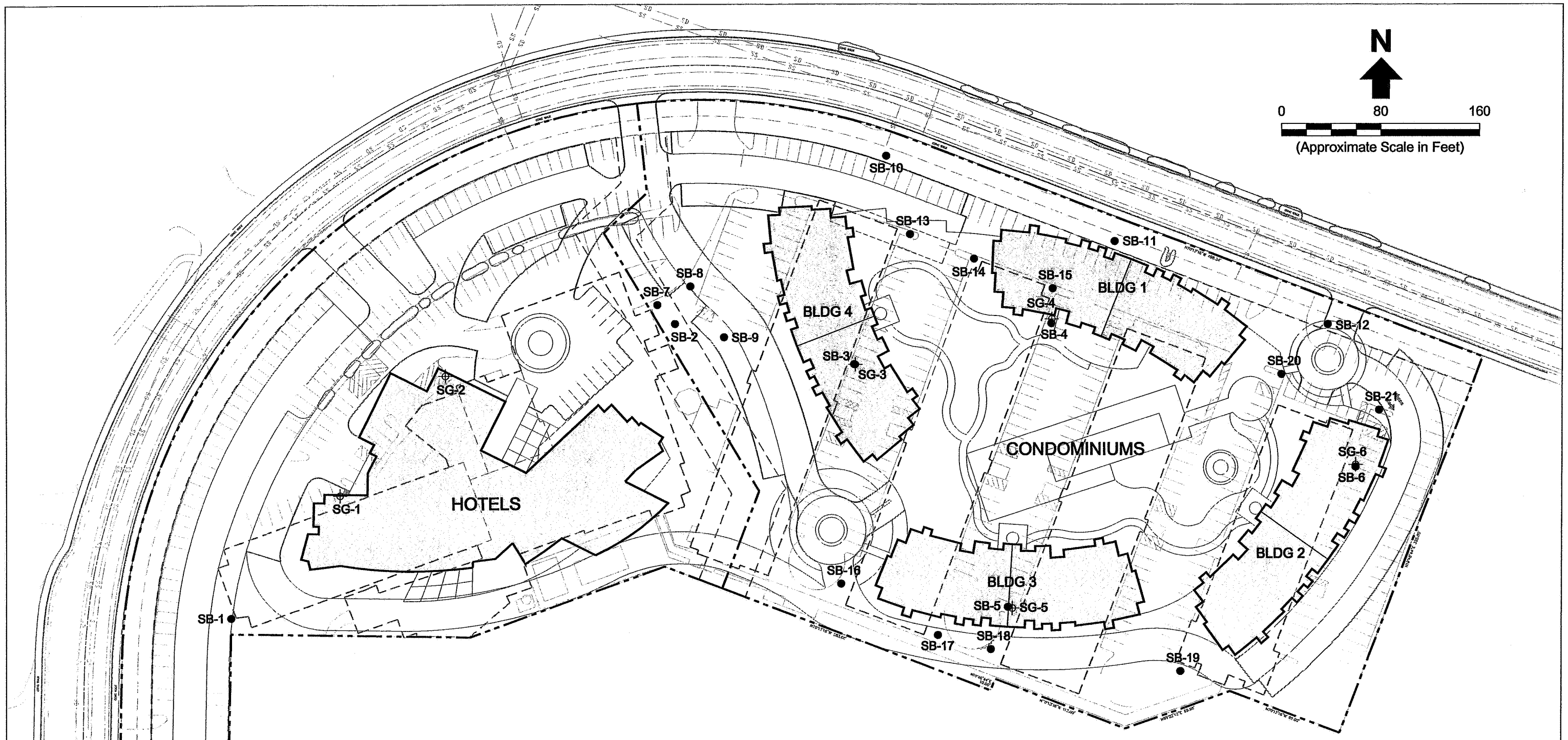
1. All locations are approximate.

Erler & Kalinowski, Inc.

Site Location Map
1250 Lakeside Drive Development

Millennium
Sunnyvale, CA
May 2005
EKI A40033.01

Figure 1



Legend:

- Approximate Subject Property Boundary
- Proposed Building Footprint
- Existing Building Footprint
- Storm Drain Line
- Sanitary Sewer Line
- ● SB-1 Soil Boring Location
- ⊕ SG-1 Soil Gas Sampling Location

Notes:

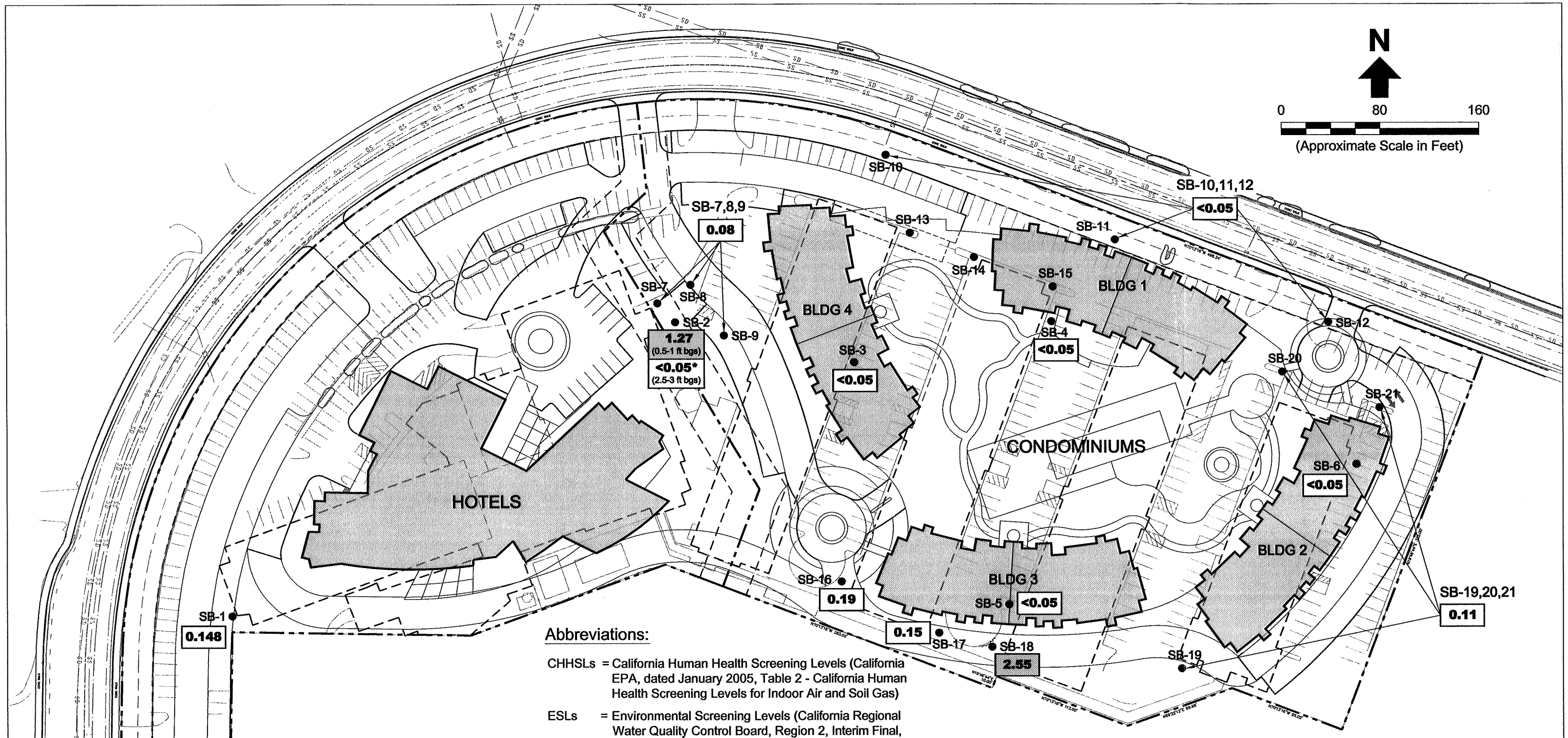
1. All locations are approximate.
2. Basemap Source: Steinberg Architects, 7 February 2005.
3. Borehole locations SB-1 through SB-6 and SG-1 through SG-6 were surveyed by MacLeod & Associates, Inc., 31 March 2005.
4. Soil borings SB-7 through SB-21 were collected on 20 April 2005 and were not surveyed.

Erler & Kalinowski, Inc.

Soil and Soil Gas Sampling Locations

Millennium
Sunnyvale, CA
May 2005
EKI A40033.01

Figure 2



Abbreviations:

CHHSLs = California Human Health Screening Levels (California EPA, dated January 2005, Table 2 - California Human Health Screening Levels for Indoor Air and Soil Gas)

ESLs = Environmental Screening Levels (California Regional Water Quality Control Board, Region 2, Interim Final, dated February 2005, Table E-3 Indoor Air Screening Levels)

Notes:

1. All locations are approximate.
2. Basemap Source: Steinberg Architects, 7 February 2005.
3. Borehole locations SB-1 through SB-6 and SG-1 through SG-6 were surveyed by MacLeod & Associates, Inc., 31 March 2005.
4. Soil borings SB-7 through SB-21 were collected on 20 April 2005 and were not surveyed.
5. Concentrations are in mg/kg.
6. Samples SB-1 through SB-6 collected from 0.5 to 1 foot below ground surface ("ft bgs") and samples SB-7 through SB-21 were collected from 0 to 0.5 ft bgs.
7. " * " represents deeper sample at SB-2 collected from 2.5 to 3 ft bgs.

Legend:

- Approximate Subject Property Boundary
- Proposed Building Footprint
- Existing Building Footprint
- SD — Storm Drain Line
- SS — Sanitary Sewer Line
- ● SB-1 — Soil Boring Location
- 1.27 — Chlordane Concentration Exceeds CHHSL and ESL (0.43 mg/kg)

Erler & Kalinowski, Inc.

Chlordane in Soil

Millennium
Sunnyvale, CA
May 2005
EKI A40033.01

Figure 3

APPENDICES

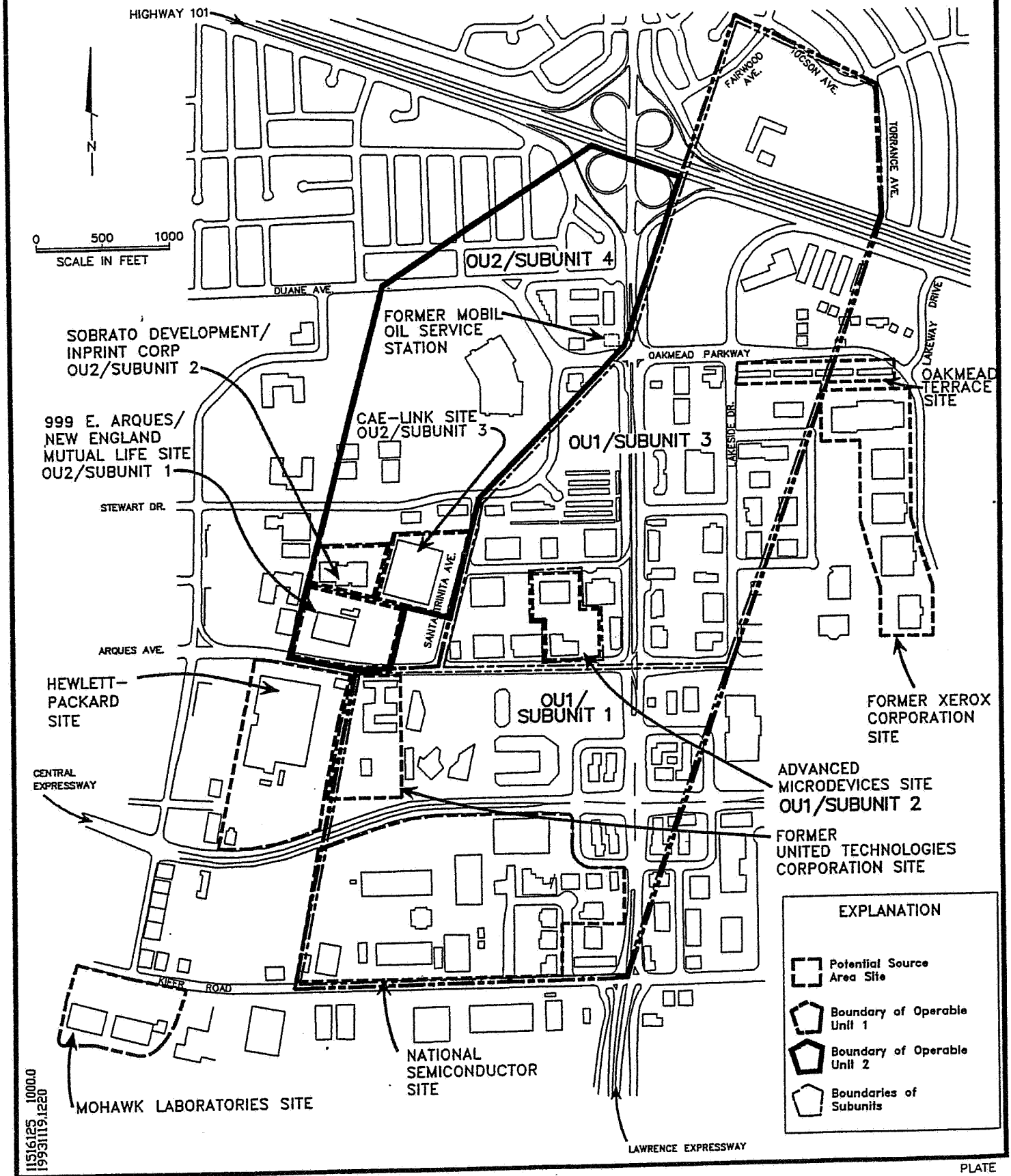
Appendix A

Attachments A through C:

1. Attachment A: Figure 1 from the *Lakeside Drive Extraction System Evaluation National Semiconductor Corporation, 2900 Semiconductor Drive, Santa Clara, California,* Harding Lawson Associates, 23 November 1993

2. Attachment B: Selected Figures from the *2000 Annual Groundwater Monitoring Report, National Semiconductor Corporation, Santa Clara, California,* Harding ESE a MACTEC Company, 2 February 2001 including:
   Figure 5 – Trichloroethene Concentration Map, A-aquifer October 2000
   Figure 6 – Trichloroethene Concentration Map, B1-aquifer, October 2000

3. Attachment C: Selected figures from the *2003 Annual Groundwater Monitoring Report, 2900 Semiconductor Way, Santa Clara, California,* Treadwell & Rollo, January 2004, including:
   Figure 6 – TCE Concentration Map, A-aquifer October 2003
   Figure 7 – TCE Concentration Map, B1-aquifer, October 2003
   Figure 8 – TCE Concentration Map, B2-, B3- and Deeper aquifers, October 2003



11516125 1000.0
19931119.1220

PLATE

Harding Lawson Associates
Engineering and Environmental Services

Site Map - October 1993
Lakeside Drive Extraction System Evaluation
National Semiconductor Corporation
Santa Clara, California

1

DRAWN	JOB NUMBER	APPROVED	DATE	REVISED DATE
DEK	11516 0110	CAA	11/93	

NOTE: Attachment B and Attachment C include oversized figures. These are available for public review at the Planning Division of the Community Development Department, located at 456 West Olive Avenue, Sunnyvale, California, on weekdays during normal business hours.

Appendix B

Field Methods and Procedures for Soil, and Soil Gas Sampling

APPENDIX B

FIELD METHODS AND PROCEDURES FOR SOIL, SOIL GAS, AND GROUNDWATER SAMPLING

1250 Lakeside Drive Development, Sunnyvale, California

These field methods and procedures describe environmental sampling protocols that were employed during drilling and sampling at the Four Points Sheraton, Sunnyvale, California ("Subject Property") as part of the soil and soil gas investigation activities conducted by EKI in March and April 2005.

Soil Gas Sampling Procedures

The soil gas sampling procedures were generally consistent with the joint Department of Toxic Substances Control ("DTSC") and Regional Water Quality Control Board, Los Angeles Region ("LARWQCB") guidance, entitled *Advisory—Active Soil Gas Investigations* and dated 28 January 2003. The field procedures closely followed the San Mateo County Office of Environmental Health draft guidance, *Subsurface Vapor Sampling Using a Geoprobe and Summa Canisters*, dated 31 March 2004. EKI understands that the Santa Clara Valley Water District ("SCVWD") and Santa Clara County do not have guidance documents on the collection of soil vapor samples.

Soil Gas Sampling

Prior to sampling, EKI requested that landscaped areas not be irrigated for approximately 5 days prior to the performance of the soil gas sampling. In addition, EKI performed the sampling after more than 5 consecutive days of dry weather. To collect soil gas samples on the Subject Property, rods fitted with an expendable tip were advanced with a slide hammer to approximately 5 feet below ground surface ("bgs"). Polyethylene tubing (1/4 or 1/8 inch diameter) was attached to the expandable tip before advancing it into the ground. Once the desired sampling depth was achieved, the rods were retracted approximately 6-inches, exposing the sampling tip in the subsurface. To prevent potential ambient air intrusion at the surface, the borehole was sealed where it intersects the ground surface with 2 to 3 inches of hydrated bentonite. Subsurface conditions were allowed to equilibrate for 30 minutes before purging and sampling in accordance with current state guidelines.

Soil Gas Sample Collection and Handling

Sampling of the soil gas at each of the sample locations was accomplished using a sampling train that incorporated a laboratory-supplied SUMMA™ canister, a vacuum tight valve, vacuum gauges, a 200 milliliter per minute flow controller, and an in-line

particle filter connected with disposable Teflon tubing. Prior to sampling, the entire valve, gauge, and Summa assembly on the Summa side of the vacuum tight valve was tested for leakage by opening the purge Summa valve and observing whether vacuum was held by the system. If the sampling train passed the vacuum leak test, then a sample was collected into the sample SUMMA™ canister. During sampling, sulfur hexafluoride gas was regularly discharged around all tubing joints and places where leakage of ambient air into the system could potentially occur. Sulfur hexafluoride was selected as the leak detection compound because it is a non-toxic gas that is easily identifiable during analysis, does not occur at contaminated sites, and does not interfere with the quantitative analysis of volatile organic compounds. Sulfur hexafluoride was not detected in any of the soil gas samples.

Each SUMMA™ canister was individually certified clean by the laboratory prior to use in the field. Each of the two soil gas sample canisters were labeled with a unique sample identification number as well as the date and time of collection, logged onto a chain-of-custody form, and placed in a box for transport to the laboratory.

For field QA/QC purposes, a duplicate soil gas sample, SG-7, was collected from location SG-1 (see Figure 2).

Soil Boring and Grab Groundwater Sampling Using Hand Augers

Collection and Handling of Soil Samples

Soil samples were collected either as discrete samples or composite samples. The discrete samples were collected from a discrete location or depth, and the composite samples combined samples from more than one discrete location.

A hand auger was used to obtain undisturbed soil samples to pre-determined depths below ground surface ("bgs"). The hand auger was pre-cleaned before each use employing methods described below in *Decontamination.* The discrete soil samples were homogenized and the composite soil samples were combined and then homogenized.

The homogenization process included an initial mixing through a ½ inch sieve and the material to be sampled was then roughly mixed by hand on a smooth Formica or Lexan board and formed into a long, linear pile. Alternate cuts were then taken progressively from the end of the pile at regular intervals of approximately 0.5 to 1 inch. The cutter was an aluminum or stainless steel spackle knife with a sharp edge. Each extracted increment included all material from top to bottom and side to side. The increments were combined into two separate piles. The result was a sample mass that has been split into two halves. The two piles were then mixed together by hand and formed into another linear pile. The material was split and remixed a total of three times. The fourth time

that the pile was split, one of the halves was discarded . The half remaining was then mixed by hand and reformed into another long pile. This pile was split in half and the process was repeated until the volume of remaining material was slightly less than the volume of the sample jar. This split and recombining method gives a much more representative subsample given that many increments were used to create it.

The composite samples were collected by retaining the discarded portion of the fourth split of the sample material discussed above. Three of these additional splits were then combined into one composite sample and homogenized using the method described above.

Each discrete and composite sample was placed in a glass jar, labeled, placed in a cooler, and transported to the laboratory under chain-of-custody protocol.

Backfilling Boreholes

All soil gas boreholes and soil boreholes in parking lot areas at the Site were backfilled with Type I/II cement grout to the total depth of the boreholes. The boreholes were completed at the surface and matched, as closely as practicable, to the surrounding paving surface. Soil boreholes in landscaped areas were backfilled with soil adjacent to the borehole.

Decontamination

Drilling and soil sampling, equipment items used during the investigation were cleaned prior to and during their use. Augers and down hole equipment used to advance soil borings and collect soil samples were brought to the Site pre-cleaned. In addition, each subcontractor's down-hole drilling equipment was inspected by the EKI field geologist for cleanliness prior to drilling. Between boreholes, drilling and reusable groundwater sampling equipment was steam-cleaned. Equipment used in the soil sampling activities were cleaned after each use with distilled water and lab grade soap (Liquinox) using a brush to remove particulate material or a surface filminse thoroughly with distilled water. The storage and disposal of investigation-derived wastes ("IDW") is discussed below.

Storage and Disposal of Investigation-Derived Wastes

Wastes generated during the investigations at the Site included excess soil generated during borehole drilling and water from the decontamination of field testing equipment. Soil and water generated from the soil and soil gas activities were placed in 5 gallon sealable pails which were labeled as to the contents and dates of generation. The

investigation-derived wastes ("IDW") generated at the Site for work performed in March and April 2005 also included one trash bag of personal protective equipment ("PPE"). For waste disposal characterization, EKI collected a composite soil sample from the two pails of soil, and a water sample from the two pails of decontamination wastewater. Laboratory data sheets for these samples are included in Appendix B of this report. These materials will be disposed of by Clearwater Environmental Management Inc. of Union City, California.

Appendix C

Soil and Soil Gas Laboratory Analytical Reports

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-1-031005-1
LAB NO: 49980
DATE SAMPLED: 03/10/05
TIME SAMPLED: 9:04
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	24.9
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	148
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	79
DBCP	78

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: RMC
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-2-031005-1
LAB NO: 49982
DATE SAMPLED: 03/10/05
TIME SAMPLED: 9:47
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	135
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	34.1
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	17.3
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	1270
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	99
DBCP	83

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 3/20/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-3-031005-1
LAB NO: 49984
DATE SAMPLED: 03/10/05
TIME SAMPLED: 10:20
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	21.4
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	77
DBCP	75

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-4-031005-1
LAB NO: 49986
DATE SAMPLED: 03/10/05
TIME SAMPLED: 11:12
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	59.4
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	76
DBCP	68

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-5-031005-1
LAB NO: 49988
DATE SAMPLED: 03/10/05
TIME SAMPLED: 12:27
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	111
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	24.3
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	74
DBCP	64

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: MM
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-6-031005-1
LAB NO: 49990
DATE SAMPLED: 03/10/05
TIME SAMPLED: 13:45
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	62.5
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	17.4
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	75
DBCP	67

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B03150502
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	ND
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	71
DBCP	78

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L03150502
DUPLICATE ID: D03150502
BATCH #: 031505S02
DATE EXTRACTED: 3/15/05
DATE ANALYZED: 3/19/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
LINDANE	50.0	ND	38.1	76	60-140
HEPTACHLOR	50.0	ND	49.1	98	60-140
ALDRIN	50.0	ND	34.8	70	60-140
DIELDRIN	50.0	ND	35.9	72	60-140
ENDRIN	50.0	ND	46.0	92	60-140
4,4'-DDT	50.0	ND	38.0	76	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
LINDANE	5.00	38.1	37.4	1.9	±20
HEPTACHLOR	5.00	49.1	45.9	6.7	±20
ALDRIN	5.00	34.8	34.5	0.9	±20
DIELDRIN	10.0	35.9	35.6	0.8	±20
ENDRIN	10.0	46.0	42.5	7.9	±20
4,4'-DDT	10.0	38.0	39.7	4.4	±20

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-1-031005-1
LAB NO: 49980
DATE SAMPLED: 03/10/05
TIME SAMPLED: 9:04
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4-DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	74

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-2-031005-1
LAB NO: 49982
DATE SAMPLED: 03/10/05
TIME SAMPLED: 9:47
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4-DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	66

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 5/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-3-031005-1
LAB NO: 49984
DATE SAMPLED: 03/10/05
TIME SAMPLED: 10:20
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4 DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	84

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-4-031005-1
LAB NO: 49986
DATE SAMPLED: 03/10/05
TIME SAMPLED: 11:12
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4-DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	49

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-5-031005-1
LAB NO: 49988
DATE SAMPLED: 03/10/05
TIME SAMPLED: 12:27
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4-DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	80

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-6-031005-1
LAB NO: 49990
DATE SAMPLED: 03/10/05
TIME SAMPLED: 13:45
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4-DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	80

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA -NOT APPLICABLE OR AVAILABLE

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B03210501
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
DALAPON	75-99-0	50.0	ND
DICAMBA	1918-00-9	50.0	ND
MCPP	93-65-2	50.0	ND
MCPA	94-74-6	50.0	ND
DICHLOROPROP	120-36-5	50.0	ND
2,4-D	94-75-7	50.0	ND
2,4,5-TP	93-72-1	50.0	ND
2,4,5-T	93-76-5	50.0	ND
2,4 DB	94-82-6	50.0	ND
DINOSEB	88-85-7	50.0	ND

SURROGATE RECOVERY	%
2,4-DICHLOROPHENYL ACETIC ACID	89

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L03210501
DUPLICATE ID: D03210501
BATCH #: 032105S01
DATE EXTRACTED: 3/21/05
DATE ANALYZED: 3/29/05

METHOD: CHLORINATED HERBICIDES
REFERENCE: EPA 8151A

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
2,4-D	640	ND	614	96	40-135
2,4-DB	640	ND	502	78	40-135
2,4,5-TP	640	ND	514	80	40-135
2,4,5-T	640	ND	500	78	40-135

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
2,4-D	50.0	614	608	1.0	±20
2,4-DB	50.0	502	555	10	±20
2,4,5-TP	50.0	514	510	0.8	±20
2,4,5-T	50.0	500	490	2.0	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL LEAD
REFERENCE: EPA 3050/6020A

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB ID	BATCH #	DATE SAMPLED	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
SB-1-031005-1	49980	031405S02	03/10/05	03/18/05	2.50	9.87
SB-2-031005-1	49982	031405S02	03/10/05	03/18/05	2.50	8.37
SB-3-031005-1	49984	031405S02	03/10/05	03/18/05	2.50	11.0
SB-4-031005-1	49986	031405S02	03/10/05	03/18/05	2.50	8.44
SB-5-031005-1	49988	031405S02	03/10/05	03/18/05	2.50	8.59
SB-6-031005-1	49990	031405S02	03/10/05	03/18/05	2.50	71.9

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____

DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

METHOD: TOTAL ARSENIC
REFERENCE: EPA 3050/6020A

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE TYPE: SOIL
UNITS: mg/Kg

SAMPLE ID	LAB ID	BATCH #	DATE SAMPLED	DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
SB-1-031005-1	49980	031405S02	03/10/05	03/18/05	2.50	ND
SB-2-031005-1	49982	031405S02	03/10/05	03/18/05	2.50	2.53
SB-3-031005-1	49984	031405S02	03/10/05	03/18/05	2.50	2.65
SB-4-031005-1	49986	031405S02	03/10/05	03/18/05	2.50	ND
SB-5-031005-1	49988	031405S02	03/10/05	03/18/05	2.50	ND
SB-6-031005-1	49990	031405S02	03/10/05	03/18/05	2.50	3.41

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: MAC

DATE: 3/30/05

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: 49984-MS-S
DUPLICATE ID: 49984-MSD-S
METHOD BLANK ID: B03140501-P
BATCH #: 031405S02
DATE ANALYZED: 03/18/05

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050/6020A

SAMPLE TYPE: SOLID
UNITS: mg/Kg

COMPOUND	MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
ARSENIC	<2.5	100	2.6	79	78	76	1.0
LEAD	<2.5	100	11.0	108	106	97	1.9

NOTES:
ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-1-031005
LAB NO:	49992
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	16:40
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	CAS NO.	MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	37.2	7.66	285
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	1.90	3.77	7.16
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	ND	4.34	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 3/30/05

K-PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-2-031005
LAB NO:	49993
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	16:23
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

COMPOUND NAME	CAS NO.	PPB (V/V) MRL	PPB (V/V) SAMPLE CONC	µg/cu. m MRL	µg/cu. m SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	1.34	7.66	10.3
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	4.07	4.88	19.9
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	1.28	3.77	4.82
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	1.81	4.34	7.86
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 3/30/05

K-PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-3-031005
LAB NO:	49994
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	12:00
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	CAS NO.	MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	1.72	3.19	5.49
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	3.12	3.77	11.8
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	1.42	4.34	6.17
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
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MRL - METHOD REPORTING LIMIT
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APPROVED BY: RM
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-4-031005
LAB NO:	49995
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	12:40
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**MRL**	**SAMPLE CONC**	**MRL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	2.65	3.77	10.0
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	1.23	4.34	5.34
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
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APPROVED BY: _____
DATE: 3/30/05

K-PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-5-031005
LAB NO:	49996
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	14:10
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	CAS NO.	MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	ND	7.66	ND
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	1.33	3.19	4.25
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	2.67	3.77	10.1
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	4.44	4.60	20.4
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	1.32	4.34	5.73
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
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MRL - METHOD REPORTING LIMIT
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APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-6-031005
LAB NO:	49997
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	14:45
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	CAS NO.	MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	42.8	7.66	328
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	1.42	3.77	5.35
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	ND	4.34	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

SAMPLE ID:	SG-7-031005
LAB NO:	49998
SAMPLE TYPE:	SOIL GAS
DATE SAMPLED:	3/10/05
TIME SAMPLED:	10:03
BATCH ID:	032905A01
DATE ANALYZED:	3/29/05

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	CAS NO.	MRL	SAMPLE CONC	MRL	SAMPLE CONC
DICHLORODIFLUOROMETHANE	75-71-8	1.00	ND	4.95	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	1.00	ND	6.99	ND
CHLOROMETHANE	74-87-3	1.00	ND	2.07	ND
VINYL CHLORIDE	75-01-4	1.00	ND	2.56	ND
BROMOMETHANE	74-83-9	1.00	ND	3.88	ND
CHLOROETHANE	75-00-3	1.00	ND	2.64	ND
TRICHLOROFLUOROMETHANE	75-69-4	1.00	ND	5.62	ND
1,1-DICHLOROETHENE	75-35-4	1.00	ND	3.97	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	1.00	39.7	7.66	304
METHYLENE CHLORIDE	75-09-2	1.00	ND	3.47	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	1.00	ND	3.47	ND
1,1-DICHLOROETHANE	75-34-3	1.00	ND	4.05	ND
CIS-1,2-DICHLOROETHENE	156-59-2	1.00	ND	3.97	ND
CHLOROFORM	67-66-3	1.00	ND	4.88	ND
1,1,1-TRICHLOROETHANE	71-55-6	1.00	ND	5.46	ND
CARBON TETRACHLORIDE	56-23-5	1.00	ND	6.29	ND
1,2-DICHLOROETHANE	107-06-2	1.00	ND	4.05	ND
BENZENE	71-43-2	1.00	ND	3.19	ND
TRICHLOROETHENE	79-01-6	1.00	ND	5.37	ND
1,2-DICHLOROPROPANE	78-87-5	1.00	ND	4.62	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	1.00	ND	4.54	ND
TOLUENE	108-88-3	1.00	1.32	3.77	4.97
CIS-1,3-DICHLOROPROPENE	10061-01-5	1.00	ND	4.54	ND
1,1,2-TRICHLOROETHANE	79-00-5	1.00	ND	5.46	ND
TETRACHLOROETHENE	127-18-4	1.00	ND	6.78	ND
1,2-DIBROMOETHANE	106-93-4	1.00	ND	7.68	ND
CHLOROBENZENE	108-90-7	1.00	ND	4.60	ND
ETHYLBENZENE	100-41-4	1.00	ND	4.34	ND
XYLENE (M+P)	1330-20-7	1.00	ND	4.34	ND
XYLENE (O)	95-47-6	1.00	ND	4.34	ND
STYRENE	100-42-5	1.00	ND	4.26	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	1.00	ND	6.87	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	1.00	ND	4.92	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	1.00	ND	4.92	ND
1,3-DICHLOROBENZENE	541-73-1	1.00	ND	6.01	ND
1,4-DICHLOROBENZENE	106-46-7	1.00	ND	6.01	ND
1,2-DICHLOROBENZENE	95-50-1	1.00	ND	6.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	1.00	ND	7.42	ND
HEXACHLOROBUTADIENE	87-68-3	1.00	ND	10.7	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

APPROVED BY: _____
DATE: 3/30/05

K-PRIME, INC.
LABORATORY METHOD BLANK REPORT

METHOD BLANK ID: B03290501
SAMPLE TYPE: AIR

BATCH ID: 032905A01
METHOD: VOC'S IN AIR
DATE ANALYZED: 3/29/05
REFERENCE: EPA METHOD TO15 (GC-MS-SCAN)

		PPB (V/V)		µg/cu. m	
COMPOUND NAME	**CAS NO.**	**MRL**	**SAMPLE CONC**	**MRL**	**SAMPLE CONC**
DICHLORODIFLUOROMETHANE	75-71-8	0.500	ND	2.47	ND
DICHLOROTETRAFLUOROETHANE	76-14-2	0.500	ND	3.50	ND
CHLOROMETHANE	74-87-3	0.500	ND	1.03	ND
VINYL CHLORIDE	75-01-4	0.500	ND	1.28	ND
BROMOMETHANE	74-83-9	0.500	ND	1.94	ND
CHLOROETHANE	75-00-3	0.500	ND	1.32	ND
TRICHLOROFLUOROMETHANE	75-69-4	0.500	ND	2.81	ND
1,1-DICHLOROETHENE	75-35-4	0.500	ND	1.98	ND
TRICHLOROTRIFLUOROETHANE	76-13-1	0.500	ND	3.83	ND
METHYLENE CHLORIDE	75-09-2	0.500	ND	1.74	ND
TRANS-1,2-DICHLOROETHENE	156-60-5	0.500	ND	1.74	ND
1,1-DICHLOROETHANE	75-34-3	0.500	ND	2.02	ND
CIS-1,2-DICHLOROETHENE	156-59-2	0.500	ND	1.98	ND
CHLOROFORM	67-66-3	0.500	ND	2.44	ND
1,1,1-TRICHLOROETHANE	71-55-6	0.500	ND	2.73	ND
CARBON TETRACHLORIDE	56-23-5	0.500	ND	3.15	ND
1,2-DICHLOROETHANE	107-06-2	0.500	ND	2.02	ND
BENZENE	71-43-2	0.500	ND	1.60	ND
TRICHLOROETHENE	79-01-6	0.500	ND	2.69	ND
1,2-DICHLOROPROPANE	78-87-5	0.500	ND	2.31	ND
TRANS-1,3-DICHLOROPROPENE	10061-02-6	0.500	ND	2.27	ND
TOLUENE	108-88-3	0.500	ND	1.88	ND
CIS-1,3-DICHLOROPROPENE	10061-01-5	0.500	ND	2.27	ND
1,1,2-TRICHLOROETHANE	79-00-5	0.500	ND	2.73	ND
TETRACHLOROETHENE	127-18-4	0.500	ND	3.39	ND
1,2-DIBROMOETHANE	106-93-4	0.500	ND	3.84	ND
CHLOROBENZENE	108-90-7	0.500	ND	2.30	ND
ETHYLBENZENE	100-41-4	0.500	ND	2.17	ND
XYLENE (M+P)	1330-20-7	0.500	ND	2.17	ND
XYLENE (O)	95-47-6	0.500	ND	2.17	ND
STYRENE	100-42-5	0.500	ND	2.13	ND
1,1,2,2-TETRACHLOROETHANE	79-34-5	0.500	ND	3.43	ND
1,3,5-TRIMETHYLBENZENE	108-67-8	0.500	ND	2.46	ND
1,2,4-TRIMETHYLBENZENE	95-63-6	0.500	ND	2.46	ND
1,3-DICHLOROBENZENE	541-73-1	0.500	ND	3.01	ND
1,4-DICHLOROBENZENE	106-46-7	0.500	ND	3.01	ND
1,2-DICHLOROBENZENE	95-50-1	0.500	ND	3.01	ND
1,2,4-TRICHLOROBENZENE	120-82-1	0.500	ND	3.71	ND
HEXACHLOROBUTADIENE	87-68-3	0.500	ND	5.33	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
MRL - METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
µg/cu. m VALUES ARE CALCULATED FROM PPB RESULTS USING NORMAL TEMPERATURE AND PRESSURE (NPT).

K PRIME, INC.
LABORATORY QUALITY CONTROL REPORT

LAB CONTROL ID: L03290501
LAB CONTROL DUPLICATE ID: D03290501

SAMPLE TYPE: AIR
BATCH ID: 032905A01
DATE ANALYZED: 3/29/05

METHOD: VOC'S IN AIR
REFERENCE: EPA METHOD TO 15 (GC-MS-SCAN)

COMPOUND NAME	SPIKE % REC	DUP % REC	RPD	QC LIMITS RPD	QC LIMITS % REC
VINYL CHLORIDE	85.2	102	17.5	25	60 - 140
1,1-DICHLOROETHENE	84.6	102	18.7	25	60 - 140
CIS-1,2-DICHLOROETHENE	86.8	103	17.4	25	60 - 140
1,1,1-TRICHLOROETHANE	87.7	103	15.7	25	60 - 140
BENZENE	84.1	100	16.9	25	60 - 140
TRICHLOROETHENE	88.7	106	17.4	25	60 - 140
TOLUENE	83.6	99.4	17.3	25	60 - 140
TETRACHLOROETHENE	86.9	102	15.9	25	60 - 140

NOTES:
NA - NOT APPLICABLE OR AVAILABLE

K PRIME, INC.

LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

BATCH ID: 033005A01

METHOD: SULFUR HEXAFLUORIDE
REFERENCE: ASTM D 1946M

UNITS: PPM -V

SAMPLE ID	LAB NO.	SAMPLE TYPE	DATE SAMPLED	TIME SAMPLED	DATE ANALYZED	MRL	SAMPLE CONC
SG-1-031005	49992	SOIL GAS	3/10/05	16:40	3/30/05	100	ND
SG-2-031005	49993	SOIL GAS	3/10/05	16:23	3/30/05	100	ND
SG-3-031005	49994	SOIL GAS	3/10/05	12:00	3/30/05	100	ND
SG-4-031005	49995	SOIL GAS	3/10/05	12:40	3/30/05	100	ND
SG-5-031005	49996	SOIL GAS	3/10/05	14:10	3/30/05	100	ND
SG-6-031005	49997	SOIL GAS	3/10/05	14:45	3/30/05	100	ND
SG-7-031005	49998	SOIL GAS	3/10/05	10:03	3/30/05	100	ND

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED METHOD REPORTING LIMIT
NA - NOT APPLICABLE OR AVAILABLE
MRL - METHOD REPORTING LIMIT

APPROVED BY: _____
DATE: 3/30/05

K PRIME, INC.
LABORATORY QC REPORT

METHOD: SULFUR HEXAFLUORIDE
REFERENCE: ASTM D 1946M

METHOD BLANK ID: B03300501
SAMPLE ID: L03300501
DUPLICATE ID: D03300501
BATCH #: 033005A01
SAMPLE TYPE: AIR
UNITS: PPM-V

DATE ANALYZED: 3/30/05

METHOD BLANK

PARAMETER	REPORTING LIMIT	SAMPLE RESULT
SULFUR HEXAFLUORIDE	50	ND

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
SULFUR HEXAFLUORIDE	200	ND	224	112	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
SULFUR HEXAFLUORIDE	50	224	228	1.8	±20

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

Erler & Kalinowski, Inc. — CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

Project Name: Millenium
Project No.: A40033.01
EKI COC No. 1

Project Location: Sunnyvale, CA
Laboratory: K-Prime — K-Prime, 3621 Westwind Blvd, Santa Rosa, CA 95403

Report Results to: Michelle Kriegman-King, EKI
Sampled By: Melissa Mills

ANALYSES REQUESTED

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	VOCs (EPA TO-15)	Chlorinated Pesticides (EPA 8081)	Chlorinated Herbicides (EPA 8151)	Arsenic and lead (EPA 6020)	PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SB-1-031005-1	49980	3/10/05	9:04	Soil	1		X	X	X		STD	
SB-1-031005-3	49981	3/10/05	9:10	Soil	1		X	X	X	X	STD	hold
SB-2-031005-1	49982	3/10/05	9:47	Soil	1		X	X	X		STD	
SB-2-031005-3	49983	3/10/05	10:00	Soil	1		X	X	X	X	STD	hold
SB-3-031005-1	49984	3/10/05	10:20	Soil	1		X	X	X		STD	
SB-3-031005-3	49985	3/10/05	10:30	Soil	1		X	X	X	X	STD	hold
SB-4-031005-1	49986	3/10/05	11:12	Soil	1		X	X	X		STD	
SB-4-031005-3	49987	3/10/05	11:50	Soil	1		X	X	X	X	STD	hold
SB-5-031005-1	49988	3/10/05	12:27	Soil	1		X	X	X		STD	
SB-5-031005-3	49989	3/10/05	13:04	Soil	1		X	X	X	X	STD	hold
SB-6-031005-1	49990	3/10/05	13:45	Soil	1		X	X	X		STD	
SB-6-031005-3	49991	3/10/05	14:00	Soil	1		X	X	X	X	STD	hold

Special Instructions:

EDD's per Melissa PL 3-14-05

Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292-9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552-9012

Relinquished by: (Signature)	Date	Time	Received By:
Melissa 3 Mills	3/10/05	20:37	Zita Mahja
Zita Mahja	3/11/05	13:30	Carol VIC
Carol VIC	3/11/05	3:31	Vern Haworth

Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

Project Name: Millenium

Project No.: A40033.01

EKI COC No. 2

Project Location: Sunnyvale, CA

Laboratory: K-Prime — K-Prime, 3621 Westwind Blvd, Santa Rosa, CA 95403

Report Results to: Michelle Kriegman-King, EKI

Sampled By: Melissa Mills

ANALYSES REQUESTED

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	VOCs (EPA TO-15)	Chlorinated Pesticides (EPA 8081)	Chlorinated Herbicides (EPA 8151)	Arsenic and lead (EPA 6020)	PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SG-1-031005	49992	3/10/05	16:40	Soil gas	1 Summa	X					STD	
SG-2-031005	49993	3/10/05	16:23	Soil gas	1 Summa	X					STD	
SG-3-031005	49994	3/10/05	12:00	Soil gas	1 Summa	X					STD	
SG-4-031005	49995	3/10/05	12:40	"	1 Summa	X					STD	
SG-5-031005	49996	3/10/05	14:10	"	1 Summa	X					STD	
SG-6-031005	49997	3/10/05	14:45	"	1 Summa	X					STD	
SG-7-031005	49998	3/10/05	10:03	"	1 Summa	X					STD	
		[illegible]									STD	
											STD	
											STD	
											STD	
											STD	

Special Instructions:

Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292-9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552-9012

EDD's per Melissa
ph 3-14-05

Relinquished by: (Signature)	Date	Time	Received By:
Melissa 3 Mills	3/10/05	20:37	Malpia
Malpia	3/11/05	13:30	Errol (OTC)
Errol (OTC)	3/11/05	3:31	Haworth

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-3-031005-3
LAB NO: 49985
DATE SAMPLED: 03/10/05
TIME SAMPLED: 10:30
BATCH #: 032505S01
DATE EXTRACTED: 4/14/05
DATE ANALYZED: 4/14/05

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	ND
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	85
DBCP	83

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: dh
DATE: 4/14/05

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B03250501
BATCH #: 032505S01
DATE EXTRACTED: 3/25/2005
DATE ANALYZED: 4/4/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	ND
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	107
DBCP	112

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L03250501
DUPLICATE ID: D03250501
BATCH #: 032505S01
DATE EXTRACTED: 3/25/2005
DATE ANALYZED: 4/4/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
LINDANE	50.0	ND	44.4	89	60-140
HEPTACHLOR	50.0	ND	53.9	108	60-140
ALDRIN	50.0	ND	45.3	91	60-140
DIELDRIN	50.0	ND	45.7	91	60-140
ENDRIN	50.0	ND	55.9	112	60-140
4,4'-DDT	50.0	ND	50.5	101	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
LINDANE	5.00	44.4	43.1	3.0	±20
HEPTACHLOR	5.00	53.9	54.4	0.9	±20
ALDRIN	5.00	45.3	44.2	2.5	±20
DIELDRIN	10.0	45.7	44.9	1.8	±20
ENDRIN	10.0	55.9	55.7	0.4	±20
4,4'-DDT	10.0	50.5	53.1	5.0	±20

Erler & Kalinowski, Inc.
CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

CHAIN OF CUSTODY RECORD

Project Name: Millenium	Project No.: A40033.01	EKI COC No. 1
Project Location: Sunnyvale, CA	Laboratory: K-Prime, K-Prime, 3621 Westwind Blvd, Santa Rosa, CA 95403	
Report Results to: Michelle Kriegman-King, EKI	Sampled By: Melissa Mills	

ANALYSES REQUESTED

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	VOCs (EPA TO-15)	Chlorinated Pesticides (EPA 8081)	Chlorinated Herbicides (EPA 8151)	Arsenic and lead (EPA 6020)					PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SB-1-031005-1	49980	3/10/05	9:04	Soil	1		X	X	X						STD	
SB-1-031005-3	49981	3/10/05	9:10	Soil	1		X	X	X					X	STD	hold
SB-2-031005-1	49982	3/10/05	9:47	Soil	1		X	X	X						STD	
SB-2-031005-3	49983	3/10/05	10:00	Soil	1		X	X	X					X	STD	hold
SB-3-031005-1	49984	3/10/05	10:20	Soil	1		X	X	X						STD	
SB-3-031005-3	49985	3/10/05	10:30	Soil	1		X	~~X~~	~~X~~ pl					~~X~~ pl	~~STD~~	~~hold~~ ASAP Per M. Mills 4/14/05 pl
SB-4-031005-1	49986	3/10/05	11:12	Soil	1		X	X	X						STD	
SB-4-031005-3	49987	3/10/05	11:50	Soil	1		X	X	X					X	STD	hold
SB-5-031005-1	49988	3/10/05	12:27	Soil	1		X	X	X						STD	
SB-~~6~~5-031005-3	49989	3/10/05	13:04	Soil	1		X	X	X					X	STD	hold
SB-6-031005-1	49990	3/10/05	13:45	Soil	1		X	X	X						STD	
SB-6-031005-3	49991	3/10/05	14:00	Soil	1		X	X	X					X	STD	hold

Special Instructions:
Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292-9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552-9012

EDD's per Melissa pl 3-14-05

Relinquished by: (Signature)	Date	Time	Received By:
[illegible]	3/10/05	20:37	[illegible]
Relinquished by: (Signature) [illegible]	3/11/05	13:30	Received By: [illegible]
Relinquished by: (Signature) [illegible]	3/11/05	3:31	Received By: [illegible]

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SBC-10,11,12-042(
LAB NO: 50574
DATE SAMPLED: 04/20/05
TIME SAMPLED: 10:55
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	18.7
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	89
DBCP	85

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 4/29/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SBC-13,14,15-042(
LAB NO: 50578
DATE SAMPLED: 04/20/05
TIME SAMPLED: 12:15
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	167
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	23.7
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	201
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	99
DBCP	96

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 4/29/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SBC-16,17,18-042005
LAB NO: 50583
DATE SAMPLED: 04/20/05
TIME SAMPLED: 14:45
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	207
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	47.1
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	887
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	91
DBCP	85

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 4/29/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SBC-19,20,21-042005
LAB NO: 50587
DATE SAMPLED: 04/20/05
TIME SAMPLED: 16:02
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/26/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	93.9
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	18.6
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	106
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	101
DBCP	101

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 4/29/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SBC-7,8,9-042005
LAB NO: 50590
DATE SAMPLED: 04/20/05
TIME SAMPLED: 17:22
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/26/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	51.5
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	14.1
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	83.8
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	97
DBCP	85

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 4/29/05

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B04220501
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	ND
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	110
DBCP	111

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L04220501
DUPLICATE ID: D04220501
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
LINDANE	31.3	ND	26.8	86	60-140
HEPTACHLOR	31.3	ND	32.5	104	60-140
ALDRIN	31.3	ND	30.2	96	60-140
DIELDRIN	31.3	ND	30.5	97	60-140
ENDRIN	31.3	ND	32.8	105	60-140
4,4'-DDT	31.3	ND	20.6	66	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
LINDANE	5.00	26.8	27.2	1.5	±20
HEPTACHLOR	5.00	32.5	33.2	2.1	±20
ALDRIN	5.00	30.2	31.0	2.6	±20
DIELDRIN	10.0	30.5	31.2	2.3	±20
ENDRIN	10.0	32.8	33.1	0.9	±20
4,4'-DDT	10.0	20.6	20.3	1.5	±20

Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

Project Name: Millenium

Project No.: A40033.01

EKI COC No. 1

Project Location: Sunnyvale, CA

Laboratory: K-Prime, 3621 Westwind Blvd, Santa Rosa, CA 95403

Report Results to: Michelle Kriegman-King, EKI

Sampled By: Melissa Mills / [illegible]

ANALYSES REQUESTED

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	Chlorinated Pesticides (EPA 8081)	CA LUFT Metals	~~Chlorinated Herbicides (EPA 8151)~~						PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SB-12-042005	50571	4/20/05	0856	Soil	1	X								X	5 day	hold
SB-11-042005	50572	4/20/05	0953	Soil	1	X								X	5 day	hold
SB-10-042005	50573	4/20/05	1030	Soil	1	X								X	5 day	hold
SBC-10,11,12-042005	50574	4/20/05	1055	Soil	1	X									5 day	
SB-13-042005	50575	4/20/05	1120	Soil	1	X								X	5 day	hold
SB-14-042005	50576	4/20/05	1140	Soil	1	X								X	5 day	hold
SB-15-042005	50577	4/20/05	1205	Soil	1	X								X	5 day	hold
SBC-13,14,15-042005	50578	4/20/05	1215	Soil	1	X									5 day	
SB-9-042005	50579	4/20/05	1634	Soil	1	X								X	5 day	hold
SB-16-042005	50580	4/20/05	1350	Soil	1	X								X	5 day	hold
SB-17-042005	50581	4/20/05	1410	Soil	1	X								X	5 day	hold
SB-18-042005	50582	4/20/05	1440	Soil	1	X								X	5 day	hold

Special Instructions:

Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292-9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552-9012

Relinquished by: (Signature)	Date	Time	Received By:
[signature]	4-21-05 (~~4-21-05~~)	11:37	[signature] (VTC) 11:37
[signature] (VTC)	4-21-05	3:57	[signature]

Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

Project Name: Millenium	Project No.: A40033.01	ANALYSES REQUESTED	EKI COC No. 2
Project Location: Sunnyvale, CA	Laboratory: K-Prime 3621 Westwind Blvd Santa Rosa, CA 95403		
Report Results to: Michelle Kriegman-King, EKI	Sampled By: Melissa Mills		

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	Chlorinated Pesticides (EPA 8081)	CA LUFT Metals	Chlorinated Herbicides (EPA 8151)						PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SBC-16,17,18-042005	50583	4/20/05	1445	Soil	1	X									5-day	
SB-19-042005	50584	4/20/05	1500	Soil	1	X								X	5-day	hold
SB-20-042005	50585	4/20/05	1525	Soil	1	X								X	5-day	hold
SB-21-042005	50586	4/20/05	1551	Soil	1	X								X	5-day	hold
SBC-19,20,21-042005	50587	4/20/05	1602	Soil	1	X									5-day	
SB-7-042005	50588	4/20/05	1655	Soil	1	X								X	5-day	hold
SB-8-042005	50589	4/20/05	1711	Soil	1	X								X	5-day	hold
SBC-7,8,9-042005	50590	4/20/05	1722	Soil	1	X									5-day	
IDW-1-042005	50591	4/20/05	1750	Soil	1	X	X								STD	
IDW-2-042005	50592	4/20/05	1750	water	1		X								STD	
IDW-3-042005	50593	4/20/05	1752	water	1	X									STD	

Special Instructions:

Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292-9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552-9012

Relinquished by: (Signature)	Date	Time	Received By:
Melissa Mills	4-21-05	11:37	Ernst (VTC) 11:37
Relinquished by: (Signature) Ernst (VTC)	Date 4-21-05	Time 3:51	Received By: Pam Hamrick
Relinquished by: (Signature)	Date	Time	Received By:

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-16-042005
LAB NO: 50580
DATE SAMPLED: 04/20/05
TIME SAMPLED: 13:50
BATCH #: 050405S01
DATE EXTRACTED: 5/4/2005
DATE ANALYZED: 5/5/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	163
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	26.3
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	189
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	96
DBCP	82

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 5/10/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-17-042005
LAB NO: 50581
DATE SAMPLED: 04/20/05
TIME SAMPLED: 14:10
BATCH #: 050405S01
DATE EXTRACTED: 5/4/2005
DATE ANALYZED: 5/5/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	197
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	28.3
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	153
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	88
DBCP	77

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: MMC
DATE: 5/10/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: SB-18-042005
LAB NO: 50582
DATE SAMPLED: 04/20/05
TIME SAMPLED: 14:40
BATCH #: 050405S01
DATE EXTRACTED: 5/4/2005
DATE ANALYZED: 5/5/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	172
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	74.9
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	2550
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	96
DBCP	82

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 5/10/05

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B05040501
BATCH #: 050405S01
DATE EXTRACTED: 5/4/2005
DATE ANALYZED: 5/5/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	ND
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	98
DBCP	97

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L05040501
DUPLICATE ID: D05040501
BATCH #: 050405S01
DATE EXTRACTED: 5/4/2005
DATE ANALYZED: 5/5/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
LINDANE	31.0	ND	27.8	90	60-140
HEPTACHLOR	31.0	ND	27.5	89	60-140
ALDRIN	31.0	ND	34.7	112	60-140
DIELDRIN	31.0	ND	34.6	112	60-140
ENDRIN	31.0	ND	25.9	84	60-140
4,4'-DDT	31.0	ND	27.8	90	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
LINDANE	5.00	27.8	28.9	3.9	±20
HEPTACHLOR	5.00	27.5	28.9	5.0	±20
ALDRIN	5.00	34.7	35.5	2.3	±20
DIELDRIN	10.0	34.6	35.4	2.3	±20
ENDRIN	10.0	25.9	26.9	3.8	±20
4,4'-DDT	10.0	27.8	26.4	5.2	±20

Erler & Kalinowski, Inc.

CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

Project Name: Millenium	**Project No.:** A40033.01	ANALYSES REQUESTED	EKI COC No. 1
Project Location: Sunnyvale, CA	**Laboratory:** K-Prime	K-Prime 3621 Westwind Blvd Santa Rosa, CA 95403	
Report Results to: Michelle Kriegman-King, EKI	**Sampled By:** Melissa Mills / Nasim Fazly		

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	Chlorinated Pesticides (EPA 8081)	CA LUFT Metals	Chlorinated Herbicides (EPA 8151)	PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SB-8-042005	50571	4/20/05	0856	Soil	1	X			X	5 day	hold
SB-11-042005	50572	4/20/05	0953	Soil	1	X			X	5 day	hold
SB-10-042005	50573	4/20/05	1030	Soil	1	X			X	5 day	hold
SBC-10,11,12-042005	50574	4/20/05	1055	Soil	1	X				5 day	
SB-13-042005	50575	4/20/05	1120	Soil	1	X			X	5 day	hold
SB-14-042005	50576	4/20/05	1140	Soil	1	X			X	5 day	hold
SB-15-042005	50577	4/20/05	1205	Soil	1	X			X	5 day	hold
SBC-13,14,15-042005	50578	4/20/05	1215	Soil	1	X				5 day	
SB-9-042005	50579	4/20/05	1634	Soil	1	X			X	5 day	hold
SB-16-042005	50580	4/20/05	1350	Soil	1	X			~~X~~	5 day	~~hold~~
SB-17-042005	50581	4/20/05	1410	Soil	1	X			~~X~~	5 day	~~hold~~
SB-18-042005	50582	4/20/05	1440	Soil	1	X			~~X~~	5 day	~~hold~~

Special Instructions:

Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292-9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552-9012

POSE HOLD PER Melissa Mills 5/3/05 ph (5 day TAT)

Relinquished by: (Signature) Melissa Mills	Date 4-21-05 ~~4-21-05~~	Time 11:37	Received By: Emeil (VTC) 11:37
Relinquished by: (Signature) Emeil (VTC)	Date 4-21-05	Time 3:57	Received By:
Relinquished by: (Signature)	Date	Time	Received By:

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: IDW-1-042005
LAB NO: 50591
DATE SAMPLED: 04/20/05
TIME SAMPLED: 17:40
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	51.8
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	10.2
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	66.2
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	96
DBCP	89

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 5/5/05

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: IDW-1-042005
LAB NO: 50591
DATE SAMPLED: 04/20/05
TIME SAMPLED: 17:40
BATCH #: 042205S01

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050/6020A

SAMPLE TYPE: SOIL
UNITS: mg/Kg

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	04/25/05	2.50	ND
ARSENIC	As	04/25/05	2.50	ND
BARIUM	Ba	04/25/05	2.50	150
BERYLLIUM	Be	04/25/05	2.50	ND
CADMIUM	Cd	04/25/05	2.50	ND
CHROMIUM	Cr	04/25/05	2.50	51.3
COBALT	Co	04/25/05	2.50	14.7
COPPER	Cu	04/25/05	2.50	41.8
LEAD	Pb	04/25/05	2.50	9.16
MERCURY	Hg	04/25/05	0.100	ND
MOLYBDENUM	Mo	04/25/05	2.50	ND
NICKEL	Ni	04/25/05	2.50	43.1
SELENIUM	Se	04/25/05	2.50	ND
SILVER	Ag	04/25/05	2.50	ND
THALLIUM	Tl	04/25/05	2.50	ND
VANADIUM	V	04/25/05	2.50	77.5
ZINC	Zn	04/25/05	2.50	57.3

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 5/5/05

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L04220501-S
DUPLICATE ID: D04220501-S
METHOD BLANK ID: B04220501-S
BATCH #: 042205S01
DATE ANALYZED: 04/25/05

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 3050/6020A

SAMPLE TYPE: SOLID
UNITS: mg/Kg

COMPOUND	MB mg/Kg	SA mg/Kg	SR mg/Kg	SP mg/Kg	SPD mg/Kg	SP %R	RPD %
ANTIMONY	<2.5	100	0.0	122	121	122	0.7
ARSENIC	<2.5	100	0.0	102	99	102	3.4
BARIUM	<2.5	100	0.0	104	100	104	4.0
BERYLLIUM	<2.5	100	0.0	90	85	90	5.6
CADMIUM	<2.5	100	0.0	102	98	102	3.5
CHROMIUM	<2.5	100	0.0	105	102	105	3.0
COBALT	<2.5	100	0.0	104	100	104	3.8
COPPER	<2.5	100	0.0	104	100	104	4.2
LEAD	<2.5	100	0.0	98	95	98	3.2
MERCURY	<0.10	2.50	0.0	2.1	1.9	84	10
MOLYBDENUM	<2.5	100	0.0	112	116	112	4.2
NICKEL	<2.5	100	0.0	102	99	102	3.1
SELENIUM	<2.5	100	0.0	112	117	112	4.2
SILVER	<2.5	100	0.0	106	102	106	3.8
THALLIUM	<2.5	100	0.0	95	94	95	1.5
VANADIUM	<2.5	100	0.0	104	102	104	2.7
ZINC	<2.5	100	0.0	98	94	98	3.9

NOTES:
ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: IDW-2-042005
LAB NO: 50592
DATE SAMPLED: 04/20/05
TIME SAMPLED: 17:50
BATCH #: 042505W01

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE TYPE: WATER
UNITS: ug/L

ELEMENT NAME		DATE ANALYZED	REPORTING LIMIT	SAMPLE CONC
ANTIMONY	Sb	04/25/05	1.00	ND
ARSENIC	As	04/25/05	1.00	11.9
BARIUM	Ba	04/25/05	1.00	906
BERYLLIUM	Be	04/25/05	1.00	1.47
CADMIUM	Cd	04/25/05	1.00	2.89
CHROMIUM	Cr	04/25/05	1.00	38.6
COBALT	Co	04/25/05	1.00	26.1
COPPER	Cu	04/25/05	1.00	67.3
LEAD	Pb	04/25/05	1.00	84.3
MERCURY	Hg	04/25/05	0.200	ND
MOLYBDENUM	Mo	04/25/05	1.00	ND
NICKEL	Ni	04/25/05	1.00	81.9
SELENIUM	Se	04/25/05	1.00	4.95
SILVER	Ag	04/25/05	1.00	ND
THALLIUM	Tl	04/25/05	1.00	ND
VANADIUM	V	04/25/05	1.00	69.3
ZINC	Zn	04/25/05	1.00	420

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 5/5/05

K PRIME, INC.
LABORATORY BATCH QC REPORT

SAMPLE ID: L04250501-W
DUPLICATE ID: D04250501-W
METHOD BLANK ID: B04250502-W
BATCH #: 042505W01
DATE ANALYZED: 4/25/2005

METHOD: TOTAL METALS BY ICP/MS
REFERENCE: EPA 200.8

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND	MB ug/L	SA ug/L	SR ug/L	SP ug/L	SPD ug/L	SP %R	RPD %
ANTIMONY	<1.0	100	0.0	120	123	120	1.9
ARSENIC	<1.0	100	0.0	99	98	99	1.3
BARIUM	<1.0	100	0.0	100	99	100	0.4
BERYLLIUM	<1.0	100	0.0	99	97	99	1.7
CADMIUM	<1.0	100	0.0	98	98	98	0.2
CHROMIUM	<1.0	100	0.0	101	100	101	0.5
COBALT	<1.0	100	0.0	100	100	100	0.2
COPPER	<1.0	100	0.0	101	100	101	0.4
LEAD	<1.0	100	0.0	99	99	99	0.2
MERCURY	<0.20	5.0	0.0	5.1	4.8	101	5.9
MOLYBDENUM	<1.0	100	0.0	109	116	109	6.0
NICKEL	<1.0	100	0.0	100	99	100	0.3
SELENIUM	<1.0	100	0.0	114	118	114	3.2
SILVER	<1.0	100	0.0	99	100	99	1.0
THALLIUM	<1.0	100	0.0	99	98	99	1.6
VANADIUM	<1.0	100	0.0	100	100	100	0.3
ZINC	<1.0	100	0.0	102	102	102	0.2

NOTES:
ND: NOT DETECTED
MB: METHOD BLANK
SA: SPIKE ADDED
SR: SAMPLE RESULT
SP: SPIKE RESULT
SPD: SPIKE DUPLICATE RESULT
SP(%R): SPIKE % RECOVERY
RPD: RELATIVE PERCENT DIFFERENCE

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L04220501
DUPLICATE ID: D04220501
BATCH #: 042205W01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/22/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: WATER
UNITS: ug/L

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
LINDANE	0.250	ND	0.219	88	60-140
HEPTACHLOR	0.250	ND	0.214	86	60-140
ALDRIN	0.250	ND	0.222	89	60-140
DIELDRIN	0.250	ND	0.222	89	60-140
ENDRIN	0.250	ND	0.230	92	60-140
4,4'-DDT	0.250	ND	0.200	80	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
LINDANE	0.100	0.219	0.216	1.4	±20
HEPTACHLOR	0.100	0.214	0.210	1.9	±20
ALDRIN	0.100	0.222	0.220	0.9	±20
DIELDRIN	0.200	0.222	0.219	1.4	±20
ENDRIN	0.200	0.230	0.224	2.6	±20
4,4'-DDT	0.200	0.200	0.233	15	±20

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B04220501
BATCH #: 042205W01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/22/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	0.100	ND
B-BHC	319-85-7	0.100	ND
LINDANE	58-89-9	0.100	ND
HEPTACHLOR	76-44-8	0.100	ND
D-BHC	319-86-8	0.100	ND
ALDRIN	309-00-2	0.100	ND
HEPTACHLOR EPOXIDE	1024-57-3	0.100	ND
ENDOSULFAN I	959-98-8	0.100	ND
4,4'-DDE	72-55-9	0.200	ND
DIELDRIN	60-57-1	0.200	ND
ENDRIN	72-20-8	0.200	ND
4,4'-DDD	72-54-8	0.200	ND
ENDOSULFAN II	33212-65-9	0.200	ND
4,4'-DDT	50-29-3	0.200	ND
ENDRIN ALDEHYDE	7421-93-4	0.200	ND
ENDOSULFAN SULFATE	1031-07-8	0.200	ND
METHOXYCHLOR	72-43-5	1.00	ND
CHLORDANE	57-74-9	1.00	ND
TOXPHENE	8001-35-2	2.00	ND

SURROGATE RECOVERY	%
TCMX	58
DBCP	75

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

K PRIME, INC.
LABORATORY REPORT

K PRIME PROJECT: 9115
CLIENT PROJECT: A40033.01

SAMPLE ID: IDW-3-042005
LAB NO: 50593
DATE SAMPLED: 04/20/05
TIME SAMPLED: 17:52
BATCH #: 042205W01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/22/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3510/8081

SAMPLE TYPE: WATER
UNITS: ug/L

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	0.100	ND
B-BHC	319-85-7	0.100	ND
LINDANE	58-89-9	0.100	ND
HEPTACHLOR	76-44-8	0.100	ND
D-BHC	319-86-8	0.100	ND
ALDRIN	309-00-2	0.100	ND
HEPTACHLOR EPOXIDE	1024-57-3	0.100	ND
ENDOSULFAN I	959-98-8	0.100	ND
4,4'-DDE	72-55-9	0.200	ND
DIELDRIN	60-57-1	0.200	ND
ENDRIN	72-20-8	0.200	ND
4,4'-DDD	72-54-8	0.200	ND
ENDOSULFAN II	33212-65-9	0.200	ND
4,4'-DDT	50-29-3	0.200	ND
ENDRIN ALDEHYDE	7421-93-4	0.200	ND
ENDOSULFAN SULFATE	1031-07-8	0.200	ND
METHOXYCHLOR	72-43-5	1.00	ND
CHLORDANE	57-74-9	1.00	ND
TOXPHENE	8001-35-2	2.00	ND

SURROGATE RECOVERY	%
TCMX	63
DBCP	68

NOTES:
ND - NOT DETECTED AT OR ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

APPROVED BY: _____
DATE: 5/5/05

K PRIME, INC.
LABORATORY QC REPORT

SAMPLE ID: L04220501
DUPLICATE ID: D04220501
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

ACCURACY (MATRIX SPIKE)

PARAMETER	SPIKE ADDED	SAMPLE RESULT	SPIKE RESULT	RECOVERY (%)	LIMITS (%)
LINDANE	31.3	ND	26.8	86	60-140
HEPTACHLOR	31.3	ND	32.5	104	60-140
ALDRIN	31.3	ND	30.2	96	60-140
DIELDRIN	31.3	ND	30.5	97	60-140
ENDRIN	31.3	ND	32.8	105	60-140
4,4'-DDT	31.3	ND	20.6	66	60-140

PRECISION (SPIKE DUPLICATE)

COMPOUND NAME	REPORTING LIMIT	SPIKE RESULT	DUPLICATE RESULT	RPD (%)	LIMITS (%)
LINDANE	5.00	26.8	27.2	1.5	±20
HEPTACHLOR	5.00	32.5	33.2	2.1	±20
ALDRIN	5.00	30.2	31.0	2.6	±20
DIELDRIN	10.0	30.5	31.2	2.3	±20
ENDRIN	10.0	32.8	33.1	0.9	±20
4,4'-DDT	10.0	20.6	20.3	1.5	±20

K PRIME, INC.
LABORATORY QC REPORT

METHOD BLANK ID: B04220501
BATCH #: 042205S01
DATE EXTRACTED: 4/22/2005
DATE ANALYZED: 4/25/2005

METHOD: ORGANOCHLORINE PESTICIDES
REFERENCE: EPA 3550/8081

SAMPLE TYPE: SOIL
UNITS: ug/Kg

COMPOUND NAME	CAS NO.	REPORTING LIMIT	SAMPLE CONC
A-BHC	319-84-6	5.00	ND
B-BHC	319-85-7	5.00	ND
LINDANE	58-89-9	5.00	ND
HEPTACHLOR	76-44-8	5.00	ND
D-BHC	319-86-8	5.00	ND
ALDRIN	309-00-2	5.00	ND
HEPTACHLOR EPOXIDE	1024-57-3	5.00	ND
ENDOSULFAN I	959-98-8	5.00	ND
4,4'-DDE	72-55-9	10.0	ND
DIELDRIN	60-57-1	10.0	ND
ENDRIN	72-20-8	10.0	ND
4,4'-DDD	72-54-8	10.0	ND
ENDOSULFAN II	33212-65-9	10.0	ND
4,4'-DDT	50-29-3	10.0	ND
ENDRIN ALDEHYDE	7421-93-4	10.0	ND
ENDOSULFAN SULFATE	1031-07-8	10.0	ND
METHOXYCHLOR	72-43-5	50.0	ND
CHLORDANE	57-74-9	50.0	ND
TOXPHENE	8001-35-2	100	ND

SURROGATE RECOVERY	%
TCMX	110
DBCP	111

NOTES:
ND - NOT DETECTED ABOVE THE STATED REPORTING LIMIT
NA - NOT AVAILABLE OR APPLICABLE

Erler & Kalinowski, Inc. CHAIN OF CUSTODY RECORD

CONSULTING ENGINEERS AND SCIENTISTS 1870 Ogden Drive, Burlingame CA 94010 Phone: (650) 292-9100 Fax: (650) 552-9012

Project Name: Millenium

Project No.: A40033.01

EKI COC No. 2

Project Location: Sunnyvale, CA

Laboratory: K-Prime — K-Prime, 3621 Westwind Blvd, Santa Rosa, CA 95403

Report Results to: Michelle Kriegman-King, EKI

Sampled By: Melissa Mills

ANALYSES REQUESTED

Field Sample Identification	Lab Sample No.	Date	Time	Type of Sample	No. of Containers	Chlorinated Pesticides (EPA 8081)	CA LUFT Metals	~~Chlorinated Herbicides (EPA 8151)~~						PLACE ON HOLD	EXPECTED TURNAROUND	Remarks
SBC-16,17,18-042005	50583	4/20/05	1445	Soil	1	X									5-day	
SB-19-042005	50584	4/20/05	1500	Soil	1	X								X	5-day	hold
SB-20-042005	50585	4/20/05	1525	Soil	1	X								X	5-day	hold
SB-21-042005	50586	4/20/05	1551	Soil	1	X								X	5-day	hold
SBC-19,20,21-042005	50587	4/20/05	1602	Soil	1	X									5-day	
SB-7-042005	50588	4/20/05	1655	Soil	1	X								X	5-day	hold
SB-8-042005	50589	4/20/05	1711	Soil	1	X								X	5-day	hold
SBC-7,8,9-042005	50590	4/20/05	1722	Soil	1	X									5-day	
IDW-1-042005	50591	4/20/05	1730	Soil	1	X	X								STD	
IDW-2-042005	50592	4/20/05	1750	water	1		X								STD	
IDW-3-042005	50593	4/20/05	1752	water	1	X									STD	

Special Instructions:

Please fax a copy of all COCs to Melissa Mills, EKI: (650) 292 -9100
Please report results to Michelle Kriegman-King, EKI. Phone: (650) 292-9100 Fax: (650) 552- 9012

Relinquished by: (Signature)	Date	Time	Received By:
Melissa Mills	4-21-05	11:37	Errol (VTC) 11:37
Errol (VTC)	4-21-05	3:51	[signature]

Appendix D

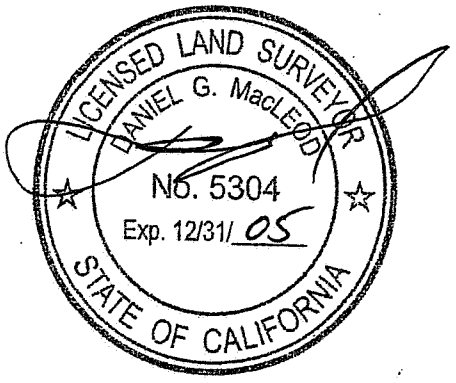
Survey Data

MacLeod & Associates, Inc.

Job ID : Our Job #2447-05
EKI Job # A40033.01
Job name : 1250 Lakeside Drive, Sunnyvale, CA
Description : Horizontal & Vertical Coordinates for borehole locations and other site features.
NAD83(horiz.) and NAVD88(vert.) Datums

Date printed : 31 MAR 2005 2:42pm

Pt No.	Northing	Easting	Elev	Code
201	1967282.76	6127936.77	29.13	SB1
202	1967283.34	6127940.99	28.97	BLD COR
203	1967323.16	6127926.52	28.82	BLD COR
204	1967278.09	6127952.89	28.32	BLD COR
205	1967338.81	6127930.69	27.91	BLD COR
206	1967381.81	6128024.57	27.73	SG1
207	1967478.43	6128109.98	27.87	SG2
208	1967520.30	6128296.03	28.34	SB2
209	1967615.46	6128419.60	28.12	BLD COR
210	1967599.11	6128463.34	28.23	BLD COR
211	1967568.01	6128546.12	28.23	BLD COR
212	1967551.55	6128589.80	28.17	BLD COR
213	1967520.51	6128672.40	28.06	BLD COR
214	1967504.04	6128716.14	28.26	BLD COR
215	1967487.60	6128441.67	27.39	SG3
216	1967487.83	6128440.70	27.41	SB3
217	1967524.32	6128601.05	27.44	SG4
218	1967520.87	6128600.57	27.42	SB4
219	1967291.70	6128566.05	27.55	SB5
220	1967290.74	6128569.54	27.57	SG5
221	1967406.77	6128842.74	27.38	SG6
222	1967405.10	6128847.21	27.28	SB6
223	1967421.31	6128840.25	28.46	BLD COR
224	1967434.81	6128837.78	29.06	BLD COR
225	1967455.21	6128783.44	28.23	BLD COR



Appendix E

Quality Assurance/Quality Control Sample Results

Appendix E: Quality Assurance/Quality Control Sample Results

During the course of the soil and soil gas investigation activities Project Quality Control ("QC") and Laboratory QC measures were implemented. Project QC measures for soil gas included field duplicates and the use of sulfur hexafluoride to detect the presence of leaks in the soil gas sampling apparatus.

A summary of Project QC results is as follows:

- The soil gas field duplicate results showed generally good agreement between the two samples, with percent differences of 7.4% and 10.9% for each of the two VOC detections.
- Sulfur hexafluoride was not detected in any of the soil gas samples, indicating that no leaks were present in the soil gas sampling apparatus.

A summary of Laboratory QC results is as follows:

- All laboratory batch and individual sample QC measures for all methods were within the established laboratory control limits.
- All matrix spike and surrogate spike recoveries were within laboratory control limits, as were all LCS analyte recoveries.
- Matrix spike duplicate and laboratory duplicate RPDs were within laboratory control limits.
- No blank contamination problems were encountered.

Both the Project and the Laboratory QC measures indicated that the soil and soil gas data generated during the investigation were of sufficient quality to support project decision-making. No corrective actions were necessary.

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